BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work: Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

1.Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division.
2.Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division.
3.Improvements to roads and drains at Hegdenagar and surrounding area in Ward No 06 Byatarayanapura sub division.

005-20-000074

THIRD & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work: Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

1.Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

PRE-MEASUREMENT

THIRD & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Sub Division

Bill No :Third and Part Bill

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5=69.80									
	New RCC Culvert									
	Thirumenahalli Mn Rd									
			1	9.10			2.60	1.80	42.59	
							Total Quantity		**42.59**	**Cum**
5	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 408 (P.No.254, I.No.34.1 of PW,P&IWTD S.R 2018-19)									
	New RCC Culvert									
	Thirumenahalli Mn Rd									
			1	9.10			2.60	0.15	3.55	
							Total Quantity		**3.55**	**Cum**
8	34.17 Providing and laying in position plain/Reinforced cement cement concrete M20 for sub structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3 lts confirming to IS 9103-2008,concrete laid in layers, well compacted and providing weep holes wherever necessary. with necessary scaffolding, form work etc., including cost of labour, HOM curing etc., complete. (P.No.257, I.No.34.17 of PW, P&IWTD SR 2018-19)									
	New RCC Culvert									
	Thirumenahalli Mn Rd									
	For Raft									
			1	9.10			2.40	0.25	5.46	
	For Wall									
			2	9.10			0.30	1.40	7.64	
	For Culvert Deck Slab		1	9.10			2.40	0.25	5.46	
							Total Quantity		**18.56**	**Cum**

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
9	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200.TMT Bars Fe 500 (P.No.229, I.No.28.8.2 of PW, P&IWTD SR 2018-19)									
	New RCC Culvert									
	Thirumenahalli Mn Rd									
							Unit weight of steel / meter			
	12 mm main U									
	inner main bars		74.0	4.70			0.889		309.16	
	outer main bars		74.0	5.60			0.889		368.36	
	Distribution bars									
	10mm Dia bars									
	inner main bars		28.0	9.10			0.617		157.21	
	outer main bars		33.0	9.10			0.617		185.29	
	Chairs 8mm		50	0.30			0.395		5.93	
	For Culvert Deck Slab									
	Bottom Main Bar									
	Top 12mm Dia Bars		92	2.63			0.889		215.08	
	Distribution Bar									
	10mm Dia. Bars		25	9.05			0.617		139.60	
									1380.61	
							Total Quantity		1.38	**Tonne**
14	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/Sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.158, I.No.21.6 of PW,P&IWTD SR 2018-19)									
	9th Cross Road									
	0.00	15.00	1	15.00	5.20	5.30	5.25		78.75	
	15.00	25.00	1	10.00	5.30	6.40	5.85		58.50	
	25.00	37.00	1	12.00	6.40	6.45	6.43		77.10	
	37.00	40.00	1	3.00	6.00	6.00	6.00		18.00	
	40.00	55.00	1	15.00	5.20	5.25	5.23		78.38	
	55.00	70.00	1	15.00	5.20	5.20	5.20		78.00	
	70.00	85.00	1	15.00	5.45	5.50	5.48		82.13	
	85.00	100.00	1	15.00	5.40	5.40	5.40		81.00	551.85

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	100.00	111.00		1	11.00	5.40	5.45	5.43		59.68	
	111.00	112.00		1	1.00	5.50	6.80	6.15		6.15	
	112.00	117.20		0	0.00	0.00	0.00	0.00		0.00	c/s Rd
	117.20	119.00		1	1.80	6.80	5.65	6.23		11.21	
	119.00	126.00		1	7.00	5.65	5.30	5.48		38.33	
	126.00	140.00		1	14.00	5.30	5.20	5.25		73.50	
	140.00	155.00		1	15.00	5.20	5.40	5.30		79.50	
	155.00	170.00		1	15.00	5.40	5.40	5.40		81.00	
	170.00	190.00		1	20.00	5.40	5.10	5.25		105.00	
	190.00	205.00		1	15.00	5.10	5.40	5.25		78.75	
	205.00	220.00		1	15.00	5.40	5.30	5.35		80.25	
	220.00	238.00		1	18.00	5.30	5.30	5.30		95.40	
	238.00	257.00		1	19.00	4.85	4.90	4.88		92.63	
	257.00	258.00		1	1.00	4.90	4.90	4.90		4.90	
	258.00	270.00		1	12.00	5.10	5.15	5.13		61.50	
	270.00	279.00		1	9.00	5.75	6.50	6.13		55.13	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	MH-3			-1			0.64			-0.64	
	MH-4			-1			0.64			-0.64	
	MH-5			-1			0.64			-0.64	
	6th E Cross Road										
	0.00	10.00		1	10.00	5.35	5.50	5.43		54.25	
	10.00	20.30		1	10.30	5.50	5.60	5.55		57.17	
	20.30	29.50		0	0.00	0.00	0.00	0.00		0.00	6th c/s Rd
	29.50	45.00		1	15.50	5.30	5.10	5.20		80.60	
	45.00	60.00		1	15.00	5.10	5.30	5.20		78.00	
	60.00	75.00		1	15.00	5.30	5.30	5.30		79.50	
	75.00	88.50		1	13.50	5.30	5.60	5.45		73.58	
	Cross Road B/W 6th E and 6th D Road										
	0.00	6.00		1	6.00	2.70	3.80	3.25		19.50	
	6.00	7.00		1	1.00	3.80	3.90	3.85		3.85	
	7.00	30.00		1	23.00	3.90	4.20	4.05		93.15	
	30.00	36.50		1	6.50	4.20	4.30	4.25		27.63	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	6th D Cross Road										
	0.00	2.20		1	2.20	4.30	5.70	5.00		11.00	
	2.20	7.00		1	4.80	5.70	5.45	5.58		26.76	
	7.00	15.00		1	8.00	5.45	5.90	5.68		45.40	
	15.00	30.00		1	15.00	5.90	5.60	5.75		86.25	1655.71

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	30.00	45.00		1	15.00	5.60	5.50	5.55		83.25	
	45.00	60.00		1	15.00	5.50	5.40	5.45		81.75	
	60.00	65.50		1	5.50	5.40	5.50	5.45		29.98	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	6th C Cross Road										
	0.00	7.00		1	7.00	6.40	5.70	6.05		42.35	
	7.00	15.00		1	8.00	5.70	5.10	5.40		43.20	
	15.00	23.00		1	8.00	5.10	6.00	5.55		44.40	
	23.00	30.00		1	7.00	6.00	5.40	5.70		39.90	
	30.00	45.00		1	15.00	5.40	5.40	5.40		81.00	
	45.00	49.50		1	4.50	5.40	6.00	5.70		25.65	
	49.50	58.80		0	0.00	0.00	0.00	0.00		0.00	c/s Rd
	58.80	70.00		1	11.20	5.60	5.55	5.58		62.44	
	70.00	85.00		1	15.00	5.55	5.40	5.48		82.13	
	85.00	86.00		1	1.00	5.40	6.70	6.05		6.05	
	86.00	92.60		1	6.60	6.70	6.40	6.55		43.23	
	Deduct (Water Controlling Chamber)										
				-1	2.00			1.60		-3.20	
	Cross Road B/W 6th C and 6th B										
	0.00	3.00		1	3.00	4.00	3.10	3.55		10.65	
	3.00	9.00		1	6.00	3.10	4.15	3.63		21.75	
	9.00	15.00		1	6.00	4.15	3.80	3.98		23.85	
	15.00	27.00		1	12.00	3.80	4.25	4.03		48.30	
	27.00	35.40		0	0.00	0.00	0.00	0.00		0.00	c/s Rd
	35.40	45.00		1	5.90	5.90	6.00	5.95		35.11	
	45.00	47.00		1	2.00	6.00	6.50	6.25		12.50	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	6th A Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	Culvert
	1.50	15.00		1	13.50	3.80	3.85	3.83		51.64	
	15.00	30.40		1	15.40	3.85	3.80	3.83		58.91	
	6th B Cross Road										
	0.00	1.20		0	0.00	0.00	0.00	0.00		0.00	Culvert
	1.20	15.00		1	13.80	5.72	5.50	5.61		77.42	
	15.00	30.00		1	15.00	5.50	5.70	5.60		84.00	
	30.00	45.00		1	15.00	5.70	5.60	5.65		84.75	
	45.00	49.00		1	4.00	5.60	6.00	5.80		23.20	1192.28

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	49.00	54.00		0	0.00	0.00	0.00	0.00		0.00	c/s Rd
	54.00	55.00		1	1.00	7.10	5.80	6.45		6.45	
	55.00	65.20		1	10.20	5.80	5.45	5.63		57.38	
	Deduct (Water Controlling Chamber)										
				-1	2.00			1.60		-3.20	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	5th Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	Culvert
	1.50	15.00		1	13.50	5.55	5.50	5.53		74.59	
	15.00	30.00		1	15.00	5.50	5.40	5.45		81.75	
	30.00	38.00		1	8.00	5.40	5.90	5.65		45.20	
	38.00	50.00		1	12.00	5.90	5.40	5.65		67.80	
	50.00	65.00		1	15.00	5.40	5.35	5.38		80.63	
	65.00	80.00		1	15.00	5.35	4.90	5.13		76.88	
	80.00	95.00		1	15.00	4.90	4.90	4.90		73.50	
	95.00	109.70		1	14.70	4.90	5.00	4.95		72.77	
	4th Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	Culvert
	1.50	15.00		1	13.50	5.20	4.80	5.00		67.50	
	15.00	30.00		1	15.00	4.80	4.80	4.80		72.00	
	30.00	45.00		1	15.00	4.80	5.10	4.95		74.25	
	45.00	60.00		1	15.00	5.10	5.40	5.25		78.75	
	60.00	75.00		1	15.00	5.40	6.15	5.78		86.63	
	75.00	90.00		1	15.00	6.15	6.20	6.18		92.63	
	90.00	100.00		1	10.00	6.20	6.10	6.15		61.50	
	100.00	111.60		1	11.60	6.10	6.50	6.30		73.08	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	3rd Cross Road(Shri Bramha Lingeshwara Condiments)										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	Culvert
	1.50	10.00		1	8.50	6.10	6.30	6.20		52.70	
	10.00	18.00		1	8.00	6.30	6.40	6.35		50.80	
	1st Cross Road										
	0.00	2.00		1	2.00	6.20	5.60	5.90		11.80	
	2.00	15.00		1	13.00	5.60	5.85	5.73		74.43	
	15.00	30.00		1	15.00	5.85	5.40	5.63		84.38	
	30.00	45.00		1	15.00	5.40	5.50	5.45		81.75	
	45.00	60.00		1	15.00	5.50	5.45	5.48		82.13	1676.12

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	60.00	72.50		1	12.50	5.45	5.70	5.58		69.69	
	72.50	74.00		0	0.00	0.00	0.00	0.00		0.00	
	74.00	75.80		1	1.80	6.60	6.60	6.60		11.88	
	75.80	86.00		0	0.00	0.00	0.00	0.00	C/F	0.00	Prakruthi Layout Mn Rd
	86.00	87.00		1	1.00	6.50	6.55	6.53		6.53	
	87.00	88.50		1	1.50	6.55	4.45	5.50		8.25	
	88.50	100.00		1	11.50	4.45	4.75	4.60	1/2/2020	52.90	
	100.00	115.00		1	15.00	4.75	4.60	4.68		70.13	219.37
								Total Quantity		5295.34	Sqm
16	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.158 I.No.21.7 of PW,P&IWTD SR of 2018-19)										
	9th Cross Road										
	0.00	15.00		1	15.00	5.20	5.30	5.25		78.75	
	15.00	25.00		1	10.00	5.30	6.40	5.85		58.50	
	25.00	37.00		1	12.00	6.40	6.45	6.43		77.10	
	37.00	40.00		1	3.00	6.00	6.00	6.00		18.00	
	40.00	55.00		1	15.00	5.20	5.25	5.23		78.38	
	55.00	70.00		1	15.00	5.20	5.20	5.20		78.00	
	70.00	85.00		1	15.00	5.45	5.50	5.48		82.13	
	85.00	100.00		1	15.00	5.40	5.40	5.40		81.00	
	100.00	111.00		1	11.00	5.40	5.45	5.43		59.68	
	111.00	112.00		1	1.00	5.50	6.80	6.15		6.15	
	112.00	117.20		0	0.00	0.00	0.00	0.00		0.00	
	117.20	119.00		1	1.80	6.80	5.65	6.23		11.21	
	119.00	126.00		1	7.00	5.65	5.30	5.48		38.33	
	126.00	140.00		1	14.00	5.30	5.20	5.25		73.50	
	140.00	155.00		1	15.00	5.20	5.40	5.30		79.50	
	155.00	170.00		1	15.00	5.40	5.40	5.40		81.00	
	170.00	190.00		1	20.00	5.40	5.10	5.25		105.00	
	190.00	205.00		1	15.00	5.10	5.40	5.25		78.75	
	205.00	220.00		1	15.00	5.40	5.30	5.35		80.25	
	220.00	238.00		1	18.00	5.30	5.30	5.30		95.40	
	238.00	257.00		1	19.00	4.85	4.90	4.88		92.63	
	257.00	258.00		1	1.00	4.90	4.90	4.90		4.90	
	258.00	270.00		1	12.00	5.10	5.15	5.13		61.50	
	270.00	279.00		1	9.00	5.75	6.50	6.13		55.13	1474.76

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	MH-3			-1			0.64			-0.64	
	MH-4			-1			0.64			-0.64	
	MH-5			-1			0.64			-0.64	
	6th E Cross Road										
	0.00	10.00		1	10.00	5.35	5.50	5.43		54.25	
	10.00	20.30		1	10.30	5.50	5.60	5.55		57.17	
	20.30	29.50		0	0.00	0.00	0.00	0.00		0.00	
	29.50	45.00		1	15.50	5.30	5.10	5.20		80.60	
	45.00	60.00		1	15.00	5.10	5.30	5.20		78.00	
	60.00	75.00		1	15.00	5.30	5.30	5.30		79.50	
	75.00	88.50		1	13.50	5.30	5.60	5.45		73.58	
	Cross Road B/W 6th E and 6th D Road										
	0.00	6.00		1	6.00	2.70	3.80	3.25		19.50	
	6.00	7.00		1	1.00	3.80	3.90	3.85		3.85	
	7.00	30.00		1	23.00	3.90	4.20	4.05		93.15	
	30.00	36.50		1	6.50	4.20	4.30	4.25		27.63	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	6th D Cross Road										
	0.00	2.20		1	2.20	4.30	5.70	5.00		11.00	
	2.20	7.00		1	4.80	5.70	5.45	5.58		26.76	
	7.00	15.00		1	8.00	5.45	5.90	5.68		45.40	
	15.00	30.00		1	15.00	5.90	5.60	5.75		86.25	
	30.00	45.00		1	15.00	5.60	5.50	5.55		83.25	
	45.00	60.00		1	15.00	5.50	5.40	5.45		81.75	
	60.00	65.50		1	5.50	5.40	5.50	5.45		29.98	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	6th C Cross Road										
	0.00	7.00		1	7.00	6.40	5.70	6.05		42.35	
	7.00	15.00		1	8.00	5.70	5.10	5.40		43.20	
	15.00	23.00		1	8.00	5.10	6.00	5.55		44.40	
	23.00	30.00		1	7.00	6.00	5.40	5.70		39.90	
	30.00	45.00		1	15.00	5.40	5.40	5.40		81.00	
	45.00	49.50		1	4.50	5.40	6.00	5.70		25.65	
	49.50	58.80		0	0.00	0.00	0.00	0.00		0.00	
	58.80	70.00		1	11.20	5.60	5.55	5.58		62.44	
	70.00	85.00			15.00	5.55	5.40	5.48		82.13	1348.21

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	85.00	86.00		1	1.00	5.40	6.70	6.05		6.05	
	86.00	92.60		1	6.60	6.70	6.40	6.55		43.23	
	Deduct (Water Controlling Chamber)										
				-1	2.00			1.60		-3.20	
	Cross Road B/W 6th C and 6th B										
	0.00	3.00		1	3.00	4.00	3.10	3.55		10.65	
	3.00	9.00		1	6.00	3.10	4.15	3.63		21.75	
	9.00	15.00		1	6.00	4.15	3.80	3.98		23.85	
	15.00	27.00		1	12.00	3.80	4.25	4.03		48.30	
	27.00	35.40		0	0.00	0.00	0.00	0.00		0.00	
	35.40	45.00		1	5.90	5.90	6.00	5.95		35.11	
	45.00	47.00		1	2.00	6.00	6.50	6.25		12.50	
	Manhole Deductions										
	MH-1			-1				0.64		-0.64	
	MH-2			-1				0.64		-0.64	
	6th A Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	3.80	3.85	3.83		51.64	
	15.00	30.40		1	15.40	3.85	3.80	3.83		58.91	
	6th B Cross Road										
	0.00	1.20		0	0.00	0.00	0.00	0.00		0.00	
	1.20	15.00		1	13.80	5.72	5.50	5.61		77.42	
	15.00	30.00		1	15.00	5.50	5.70	5.60		84.00	
	30.00	45.00		1	15.00	5.70	5.60	5.65		84.75	
	45.00	49.00		1	4.00	5.60	6.00	5.80		23.20	
	49.00	54.00		0	0.00	0.00	0.00	0.00		0.00	
	54.00	55.00		1	1.00	7.10	5.80	6.45		6.45	
	55.00	65.20		1	10.20	5.80	5.45	5.63		57.38	
	Deduct (Water Controlling Chamber)										
				-1	2.00			1.60		-3.20	
	Manhole Deductions										
	MH-1			-1				0.64		-0.64	
	MH-2			-1				0.64		-0.64	
	5th Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	5.55	5.50	5.53		74.59	
	15.00	30.00		1	15.00	5.50	5.40	5.45		81.75	
	30.00	38.00		1	8.00	5.40	5.90	5.65		45.20	
	38.00	50.00		1	12.00	5.90	5.40	5.65		67.80	
	50.00	65.00		1	15.00	5.40	5.35	5.38		80.63	986.19

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	65.00	80.00		1	15.00	5.35	4.90	5.13		76.88	
	80.00	95.00		1	15.00	4.90	4.90	4.90		73.50	
	95.00	109.70		1	14.70	4.90	5.00	4.95		72.77	
	4th Cross Road										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	5.20	4.80	5.00		67.50	
	15.00	30.00		1	15.00	4.80	4.80	4.80		72.00	
	30.00	45.00		1	15.00	4.80	5.10	4.95		74.25	
	45.00	60.00		1	15.00	5.10	5.40	5.25		78.75	
	60.00	75.00		1	15.00	5.40	6.15	5.78		86.63	
	75.00	90.00		1	15.00	6.15	6.20	6.18		92.63	
	90.00	100.00		1	10.00	6.20	6.10	6.15		61.50	
	100.00	111.60		1	11.60	6.10	6.50	6.30		73.08	
	Manhole Deductions										
	MH-1			-1				0.64		-0.64	
	3rd Cross Road(Shri Bramha Lingeshwara Condiments)										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	10.00		1	8.50	6.10	6.30	6.20		52.70	
	10.00	18.00		1	8.00	6.30	6.40	6.35		50.80	
	1st Cross Road										
	0.00	2.00		1	2.00	6.20	5.60	5.90		11.80	
	2.00	15.00		1	13.00	5.60	5.85	5.73		74.43	
	15.00	30.00		1	15.00	5.85	5.40	5.63		84.38	
	30.00	45.00		1	15.00	5.40	5.50	5.45		81.75	
	45.00	60.00		1	15.00	5.50	5.45	5.48		82.13	
	60.00	72.50		1	12.50	5.45	5.70	5.58		69.69	
	72.50	74.00		0	0.00	0.00	0.00	0.00		0.00	
	74.00	75.80		1	1.80	6.60	6.60	6.60		11.88	
	75.80	86.00		0	0.00	0.00	0.00	0.00		0.00	
	86.00	87.00		1	1.00	6.50	6.55	6.53		6.53	
	87.00	88.50		1	1.50	6.55	4.45	5.50		8.25	
	88.50	100.00		1	11.50	4.45	4.75	4.60		52.90	
	100.00	115.00		1	15.00	4.75	4.60	4.68		70.13	1486.18
								Total Quantity		5295.34	Sqm

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work: Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

1.Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

DETAILED-MEASUREMENT

THIRD & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

Scanned with CamScanner

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Sub Division

Bill No :Third and Part Bill

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5=69.80											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . Page 01											
							Total Quantity		42.59	Cum	234.00	9,966.00
5	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 408 (P.No.254, I.No.34.1 of PW,P&IWTD S.R 2018-19)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . 1											
							Total Quantity		3.55	Cum	4,516.00	16,027.00
8	34.17 Providing and laying in position plain/Reinforced cement cement concrete M20 for sub structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3 lts confirming to IS 9103-2008,concrete laid in layers, well compacted and providing weep holes wherever necessary. with necessary scaffolding, form work etc., including cost of labour, HOM curing etc., complete. (P.No.257, I.No.34.17 of PW, P&IWTD SR 2018-19)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . 1											
							Total Quantity		18.56	Cum	5,320.00	98,760.00
9	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200.TMT Bars Fe 500 (P.No.229, I.No.28.8.2 of PW, P&IWTD SR 2018-19)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . 2											
							Total Quantity		1.38	Tonne	72,897.00	1,00,642.00

TEJUS CONSULTANTS

Tejus Consultants

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatar division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
14	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglSqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.158, I.No.21.6 of PW,P&IWTD SR 2018-19)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . 2 to 6											
							Total Quantity		5295.34	Sqm	29.00	1,53,565.00
16	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.158 I.No.21.7 of PW,P&IWTD SR of 2018-19)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no . 6 to 9											
							Total Quantity		5295.34	Sqm	12.00	63,544.00
18	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (P.No.170, I.No.21.78.12 of PW,P&IWTD SR 2018-19) As per Issue rate dated: 03/01/2020											
	9th Cross Road											
	0.00	15.00		1	15.00	5.20	5.30	5.25	0.04	3.15		
	15.00	25.00		1	10.00	5.30	6.40	5.85	0.04	2.34		
	25.00	37.00		1	12.00	6.40	6.45	6.43	0.04	3.08		
	37.00	40.00		1	3.00	6.00	6.00	6.00	0.04	0.72		
	40.00	55.00		1	15.00	5.20	5.25	5.23	0.04	3.14		
	55.00	70.00		1	15.00	5.20	5.20	5.20	0.04	3.12		
	70.00	85.00		1	15.00	5.45	5.50	5.48	0.04	3.29		
	85.00	100.00		1	15.00	5.40	5.40	5.40	0.04	3.24		
	100.00	111.00		1	11.00	5.40	5.45	5.43	0.04	2.39	24/12/2021	
	111.00	112.00		0	1.00	5.50	6.80	6.15	0.04	0.25		
	112.00	117.20		0	0.00	0.00	0.00	0.00	0.04	0.00		
	117.20	119.00		1	1.80	6.80	5.65	6.23	0.04	0.45		
	119.00	126.00		1	7.00	5.65	5.30	5.48	0.04	1.53		
	126.00	140.00		1	14.00	5.30	5.20	5.25	0.04	2.94		
	140.00	155.00		1	15.00	5.20	5.40	5.30	0.04	3.18		
	155.00	170.00		1	15.00	5.40	5.40	5.40	0.04	3.24		
	170.00	190.00		1	20.00	5.40	5.10	5.25	0.04	4.20		
	190.00	205.00		1	15.00	5.10	5.40	5.25	0.04	3.15		
	205.00	220.00		1	15.00	5.40	5.30	5.35	0.04	3.21		
	220.00	238.00		1	18.00	5.30	5.30	5.30	0.04	3.82		

50.42

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	238.00	257.00		1	19.00	4.85	4.90	4.88	0.04	3.71			
	257.00	258.00		1	1.00	4.90	4.90	4.90	0.04	0.20			
	258.00	270.00		1	12.00	5.10	5.15	5.13	0.04	2.46			
	270.00	279.00		1	9.00	5.75	6.50	6.13	0.04	2.21			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	MH-2			-1				0.64	0.04	-0.03			
	MH-3			-1				0.64	0.04	-0.03			
	MH-4			-1				0.64	0.04	-0.03			
	MH-5			-1				0.64	0.04	-0.03			
	6th E Cross Road												
	0.00	10.00		1	10.00	5.35	5.50	5.43	0.04	2.17			
	10.00	20.30		1	10.30	5.50	5.60	5.55	0.04	2.29			
	20.30	29.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	29.50	45.00		1	15.50	5.30	5.10	5.20	0.04	3.22			
	45.00	60.00		1	15.00	5.10	5.30	5.20	0.04	3.12			
	60.00	75.00		1	15.00	5.30	5.30	5.30	0.04	3.18			
	75.00	88.50		1	13.50	5.30	5.60	5.45	0.04	2.94			
	Cross Road B/W 6th E and 6th D Road												
	0.00	6.00		1	6.00	2.70	3.80	3.25	0.04	0.78			
	6.00	7.00		1	1.00	3.80	3.90	3.85	0.04	0.15			
	7.00	30.00		1	23.00	3.90	4.20	4.05	0.04	3.73			
	30.00	36.50		1	6.50	4.20	4.30	4.25	0.04	1.11			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	6th D Cross Road												
	0.00	2.20		1	2.20	4.30	5.70	5.00	0.04	0.44			
	2.20	7.00		1	4.80	5.70	5.45	5.58	0.04	1.07			
	7.00	15.00		1	8.00	5.45	5.90	5.68	0.04	1.82			
	15.00	30.00		1	15.00	5.90	5.60	5.75	0.04	3.45			
	30.00	45.00		1	15.00	5.60	5.50	5.55	0.04	3.33			
	45.00	60.00		1	15.00	5.50	5.40	5.45	0.04	3.27			
	60.00	65.50		1	5.50	5.40	5.50	5.45	0.04	1.20			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	6th C Cross Road												
	0.00	7.00		1	7.00	6.40	5.70	6.05	0.04	1.69			
	7.00	15.00		1	8.00	5.70	5.10	5.40	0.04	1.73			
	15.00	23.00		1	8.00	5.10	6.00	5.55	0.04	1.78			
	23.00	30.00		1	7.00	6.00	5.40	5.70	0.04	1.60			
	30.00	45.00		1	15.00	5.40	5.40	5.40	0.04	3.24			
	45.00	49.50		1	4.50	5.40	6.00	5.70	0.04	1.03			
	49.50	58.80		0	0.00	0.00	0.00	0.00	0.04	0.00			
	58.80	70.00		1	11.20	5.60	5.55	5.58	0.04	2.50			
	70.00	85.00		1	15.00	5.55	5.40	5.48	0.04	3.29			
	85.00	86.00		1	1.00	5.40	6.70	6.05	0.04	0.24			
	86.00	92.60		1	6.60	6.70	6.40	6.55	0.04	1.73			
	Deduct (Water Controlling Chamber)												
				-1	2.00			1.60	0.04	-0.13			

64.34

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	Cross Road B/W 6th C and 6th B												
	0.00	3.00		1	3.00	4.00	3.10	3.55	0.04	0.43			
	3.00	9.00		1	6.00	3.10	4.15	3.63	0.04	0.87			
	9.00	15.00		1	6.00	4.15	3.80	3.98	0.04	0.95			
	15.00	27.00		1	12.00	3.80	4.25	4.03	0.04	1.93			
	27.00	35.40		0	0.00	0.00	0.00	0.00	0.04	0.00			
	35.40	45.00		1	5.90	5.90	6.00	5.95	0.04	1.40			
	45.00	47.00		1	2.00	6.00	6.50	6.25	0.04	0.50			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
				-1				0.64	0.04	-0.03			
	6th A Cross Road												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	3.80	3.85	3.83	0.04	2.07			
	15.00	30.40		1	15.40	3.85	3.80	3.83	0.04	2.36			
	6th B Cross Road												
	0.00	1.20		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.20	15.00		1	13.80	5.72	5.50	5.61	0.04	3.10			
	15.00	30.00		1	15.00	5.50	5.70	5.60	0.04	3.36			
	30.00	45.00		1	15.00	5.70	5.60	5.65	0.04	3.39			
	45.00	49.00		1	4.00	5.60	6.00	5.80	0.04	0.93			
	49.00	54.00		0	0.00	0.00	0.00	0.00	0.04	0.00			
	54.00	55.00		1	1.00	7.10	5.80	6.45	0.04	0.26			
	55.00	65.20		1	10.20	5.80	5.45	5.63	0.04	2.30			
	Deduct (Water Controlling Chamber)												
				-1	2.00			1.60	0.04	-0.13			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	MH-2			-1				0.64	0.04	-0.03			
	5th Cross Road												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	5.55	5.50	5.53	0.04	2.98			
	15.00	30.00		1	15.00	5.50	5.40	5.45	0.04	3.27			
	30.00	38.00		1	8.00	5.40	5.90	5.65	0.04	1.81			
	38.00	50.00		1	12.00	5.90	5.40	5.65	0.04	2.71			
	50.00	65.00		1	15.00	5.40	5.35	5.38	0.04	3.23			
	65.00	80.00		1	15.00	5.35	4.90	5.13	0.04	3.08			
	80.00	95.00		1	15.00	4.90	4.90	4.90	0.04	2.94			
	95.00	109.70		1	14.70	4.90	5.00	4.95	0.04	2.91			
	4th Cross Road												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	5.20	4.80	5.00	0.04	2.70			
	15.00	30.00		1	15.00	4.80	4.80	4.80	0.04	2.88			
	30.00	45.00		1	15.00	4.80	5.10	4.95	0.04	2.97			
	45.00	60.00		1	15.00	5.10	5.40	5.25	0.04	3.15			
	60.00	75.00		1	15.00	5.40	6.15	5.78	0.04	3.47			
	75.00	90.00		1	15.00	6.15	6.20	6.18	0.04	3.71			
	90.00	100.00		1	10.00	6.20	6.10	6.15	0.04	2.46			

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	100.00	111.60		1	11.60	6.10	6.50	6.30	0.04	2.92			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	3rd Cross Road(Shri Brammha Lingeshwara Condiments)												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	10.00		1	8.50	6.10	6.30	6.20	0.04	2.11			
	10.00	18.00		1	8.00	6.30	6.40	6.35	0.04	2.03			
	1st Cross Road												
	0.00	2.00		1	2.00	6.20	5.60	5.90	0.04	0.47			
	2.00	15.00		1	13.00	5.60	5.85	5.73	0.04	2.98			
	15.00	30.00		1	15.00	5.85	5.40	5.63	0.04	3.38			
	30.00	45.00		1	15.00	5.40	5.50	5.45	0.04	3.27			
	45.00	60.00		1	15.00	5.50	5.45	5.48	0.04	3.29			
	60.00	72.50		1	12.50	5.45	5.70	5.58	0.04	2.79			
	72.50	74.00		0	0.00	0.00	0.00	0.00	0.04	0.00			
	74.00	75.80		1	1.80	6.60	6.60	6.60	0.04	0.48			
	75.80	86.00		0	0.00	0.00	0.00	0.00	0.04	0.00			
	86.00	87.00		1	1.00	6.50	6.55	6.53	0.04	0.26			
	87.00	88.50		1	1.50	6.55	4.45	5.50	0.04	0.33			
	88.50	100.00		1	11.50	4.45	4.75	4.60	0.04	2.12			
	100.00	115.00		1	15.00	4.75	4.60	4.68	0.04	2.81	29.19		
								Total Quantity		211.81	Cum	8,613.76	18,24,510.00
19	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)												
	9th Cross Road												
	Edge Line			2	273.80			0.10		54.76			
	Centre Line			0.50	273.80			0.10		13.69			
	6th E Cross Road												
	Edge Line			2	79.30			0.10		15.86			
	Centre Line			0.50	79.30			0.10		3.97			
	Cross Road B/W 6th E and 6th D Road												
	Edge Line			2	36.50			0.10		7.30			
	Centre Line			0.50	36.50			0.10		1.83			
	6th D Cross Road												
	Edge Line			2	65.50			0.10		13.10			
	Centre Line			0.50	65.50			0.10		3.28			
	6th C Cross Road												
	Edge Line			2	83.30			0.10		16.66			
	Centre Line			0.50	83.30			0.10		4.17			
	Cross Road B/W 6th C and 6th B												
	Edge Line			2	34.90			0.10		6.98			
	Centre Line			0.50	34.90			0.10		1.75			
										143.33			

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	6th A Cross Road											
	Edge Line		2	28.90			0.10		5.78			
	Centre Line		0.50	28.90			0.10		1.45			
	6th B Cross Road											
	Edge Line		2	59.00			0.10		11.80			
	Centre Line		0.50	59.00			0.10		2.95			
	5th Cross Road											
	Edge Line		2	108.20			0.10		21.64			
	Centre Line		0.50	108.20			0.10		5.41			
	4th Cross Road											
	Edge Line		2	110.10			0.10		22.02			
	Centre Line		0.50	110.10			0.10		5.51			
	3rd Cross Road(Shri Bramha Lingeshwara Condiments)											
	Edge Line		2	16.50			0.10		3.30			
	Centre Line		0.50	16.50			0.10		0.83			
	1st Cross Road											
	Edge Line		2	103.30			0.10		20.66			
	Centre Line		0.50	103.30			0.10		5.17			
										106.50		
							Total Quantity		**249.83**	**Sqm**	**458.00**	**1,14,420.00**
											Total Amount	**23,81,434.00**
											Add 12% GST	**2,85,772.08**
											Grand Total Amount	**26,67,206.08**

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Assistant Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work: Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

2.Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division.

PRE-MEASUREMENT

THIRD & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Sub Division

Bill No :Third and Part Bill

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
12	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301with 4km lead= (I No-19.14,P No-143)										
	Agrahara Babadavane										
	5th Mn Road connected to Agrahara Mn rd										
	0.00	3.00		1	3.00	7.20	4.80	6.00	0.30	5.40	
	3.00	15.00		1	12.00	4.80	4.80	4.80	0.30	17.28	
	15.00	22.50		1	7.50	4.80	4.45	4.63	0.30	10.41	
								Total Quantity		**33.09**	**Cum**
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)										
	Agrahara Babadavane										
	5th Mn Road connected to Agrahara Mn rd										
	0.00	3.00		1	3.00	7.20	4.80	6.00	0.25	4.50	
	3.00	15.00		1	12.00	4.80	4.80	4.80	0.25	14.40	
	15.00	22.50		1	7.50	4.80	4.45	4.63	0.25	8.67	
								Total Quantity		**27.57**	**Cum**
14	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglSqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.158, I.No.21.6 of PW,P&IWTD SR 2018-19)										
	6th c/s Rd MS nagara										
	0.00	1.20		0	0.00	0.00	0.00	0.00		0.00	
	1.20	5.00		1	3.80	5.80	5.60	5.70		21.66	
	5.00	15.00		1	10.00	5.60	5.10	5.35		53.50	
	15.00	30.00		1	15.00	5.10	5.00	5.05		75.75	
	30.00	45.00		1	15.00	5.00	5.30	5.15		77.25	228.16

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	45.00	60.00		1	15.00	5.30	5.20	5.25		78.75	
	60.00	75.00		1	15.00	5.20	5.10	5.15		77.25	
	75.00	90.00		1	15.00	5.10	5.30	5.20		78.00	
	90.00	105.00		1	15.00	5.30	5.50	5.40		81.00	
	105.00	120.00		1	15.00	5.50	5.50	5.50		82.50	
	120.00	125.00		1	5.00	5.50	5.80	5.65		28.25	
	125.00	140.00		1	15.00	5.80	5.55	5.68		85.13	
	140.00	146.00		1	6.00	5.55	5.50	5.53		33.15	
	146.00	148.00		1	2.00	5.50	5.80	5.65		11.30	
	Manhole Deductions										
	MH-1 @Ch:39			-1			2.01			-2.01	
	MH-2 '@Ch:92			-1			2.01			-2.01	
	MH-3 @Ch:118			-1			2.01			-2.01	
	7th c/s Rd MS nagara										
	0.00	2.00		1	2.00	5.70	5.60	5.65		11.30	
	2.00	15.00		1	13.00	5.60	5.20	5.40		70.20	
	15.00	30.00		1	15.00	5.20	5.10	5.15		77.25	
	30.00	45.00		1	15.00	5.10	5.40	5.25		78.75	
	45.00	60.00		1	15.00	5.40	5.20	5.30		79.50	
	60.00	75.00		1	15.00	5.20	5.50	5.35		80.25	
	75.00	90.00		1	15.00	5.50	5.70	5.60		84.00	
	90.00	105.00		1	15.00	5.70	5.70	5.70		85.50	
	105.00	120.00		1	15.00	5.70	5.30	5.50		82.50	
	120.00	135.00		1	15.00	5.30	5.60	5.45		81.75	
	135.00	144.00		1	9.00	5.60	5.60	5.60		50.40	
	144.00	146.30		1	2.30	5.60	6.90	6.25		14.38	
	146.30	151.00		0	0.00	0.00	0.00	0.00		0.00 x	1st Mn MS nagar
	151.00	153.00		1	2.00	7.00	5.30	6.15		12.30	
	153.00	165.00		1	12.00	5.30	5.50	5.40		64.80	
	165.00	190.00		1	25.00	5.50	5.50	5.50		137.50	
	190.00	192.00		1	2.00	5.50	5.20	5.35		10.70	
	192.00	195.00		1	3.00	5.20	5.10	5.15		15.45	
	195.00	202.00		1	7.00	5.10	5.50	5.30		37.10	
	202.00	210.00		1	8.00	5.50	5.60	5.55		44.40	
	210.00	225.00		1	15.00	5.60	5.60	5.60		84.00	
	225.00	240.00		1	15.00	5.60	5.80	5.70		85.50	
	240.00	249.00		1	9.00	5.80	5.60	5.70		51.30	
	Manhole Deductions										
	MH-1 @Ch:9.4			-1			0.64			-0.64	
	MH-2 '@Ch:36.4			-1			0.64			-0.64	
	MH-3 @Ch:64.5			-1			0.64			-0.64	
	MH-4 @Ch:95.2			-1			0.64			-0.64	1885.58

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	MH-5 @Ch:180			-1			2.01			-2.01	
	MH-6 '@Ch:207			-1			2.01			-2.01	
	MH-7 @Ch:240			-1			2.01			-2.01	
	8th c/s Rd MS nagara										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	6.00	5.80	5.90		79.65	
	15.00	30.00		1	15.00	5.80	5.80	5.80		87.00	
	30.00	45.00		1	15.00	5.80	5.45	5.63		84.38	
	45.00	60.00		1	15.00	5.45	5.40	5.43		81.38	
	60.00	75.00		1	15.00	5.40	5.15	5.28		79.13	
	75.00	90.00		1	15.00	5.15	5.30	5.23		78.38	
	90.00	105.00		1	15.00	5.30	5.20	5.25		78.75	
	105.00	120.00		1	15.00	5.20	5.30	5.25		78.75	
	120.00	135.00		1	15.00	5.30	5.15	5.23		78.38	
	135.00	140.00		1	5.00	5.15	5.60	5.38		26.88	
	140.00	145.00		1	5.00	5.60	6.80	6.20		31.00	
	145.00	150.80		0	0.00	0.00	0.00	0.00		0.00	1st Mn MS nagar
	150.80	153.00		1	2.20	6.25	5.15	5.70		12.54	
	153.00	165.00		1	12.00	5.15	5.20	5.18		62.10	
	165.00	180.00		1	15.00	5.20	5.10	5.15		77.25	
	180.00	195.00		1	15.00	5.10	5.10	5.10		76.50	
	195.00	210.00		1	15.00	5.10	5.10	5.10		76.50	
	210.00	215.00		1	5.00	5.10	5.40	5.25		26.25	
	215.00	230.00		1	15.00	5.40	5.40	5.40		81.00	
	230.00	245.00		1	15.00	5.40	5.50	5.45		81.75	
	245.00	260.00		1	15.00	5.50	5.40	5.45		81.75	
	260.00	275.00		1	15.00	5.40	5.40	5.40		81.00	
	275.00	280.00		1	5.00	5.40	5.45	5.43		27.13	
	280.00	281.00		1	1.00	5.45	5.70	5.58		5.58	
	Manhole Deductions										
	MH-1 @Ch:181.5			-1			2.01			-2.01	
	MH-2 '@Ch:210			-1			2.01			-2.01	
	MH-3 @Ch:239.7			-1			2.01			-2.01	
	MH-4 @Ch:270.5			-1			2.01			-2.01	
	9th c/s Rd MS nagara										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	5.20	4.90	5.05		68.18	
	15.00	30.00		1	15.00	4.90	5.30	5.10		76.50	
	30.00	45.00		1	15.00	5.30	5.30	5.30		79.50	
	45.00	60.00		1	15.00	5.30	5.40	5.35		80.25	
	60.00	75.00		1	15.00	5.40	4.90	5.15		77.25	1840.60

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	75.00	90.00		1	15.00	4.90	4.80	4.85		72.75	
	90.00	105.00		1	15.00	4.80	4.90	4.85		72.75	
	105.00	120.00		1	15.00	4.90	4.80	4.85		72.75	
	120.00	135.00		1	15.00	4.80	4.45	4.63		69.38	
	135.00	143.00		1	8.00	4.45	4.60	4.53		36.20	
	143.00	145.00		1	2.00	4.60	5.80	5.20		10.40	
	1st Main Rd MS nagara										
	0.00	5.00		1	5.00	5.00	5.00	5.00		25.00	
	5.00	6.00		1	1.00	5.00	3.85	4.43		4.43	
	6.00	15.00		1	9.00	3.85	4.90	4.38		39.38	
	15.00	25.00		1	10.00	4.90	4.50	4.70		47.00	
	25.00	38.00		1	13.00	4.50	4.85	4.68		60.78	
	38.00	43.00		1	5.00	4.85	5.60	5.23		26.13	
	43.00	47.00		1	4.00	5.60	4.65	5.13		20.50	
	47.00	56.00		1	9.00	4.65	4.80	4.73		42.53	
	56.00	70.00		1	14.00	4.80	4.60	4.70		65.80	
	70.00	75.00		1	5.00	4.60	5.60	5.10		25.50	
	75.00	85.00		1	10.00	5.60	5.20	5.40		54.00	
	85.00	100.00		1	15.00	5.20	5.30	5.25		78.75	
	100.00	108.00		1	8.00	5.30	5.70	5.50		44.00	
	108.00	115.00		1	7.00	5.70	5.10	5.40		37.80	28/1/22
	115.00	130.00		1	15.00	5.10	6.45	5.78		86.63	
	130.00	149.70		1	19.70	6.45	4.40	5.43		106.87	
	Manhole Deductions								C/FC		
	MH-1 @Ch:77.2			-1			0.64			-0.64	
	MH-2 @Ch:133.2			-1			0.64			-0.64	
									28/1/2022		
	Connecting Rd to 9th c/s Rd MS nagara										
	0.00	2.00		1	2.00	5.50	4.50	5.00		10.00	
	2.00	15.00		1	13.00	4.50	4.40	4.45		57.85	
	15.00	33.20		1	18.20	4.40	5.10	4.75		86.45	
	Manhole Deductions										
	MH-1 @Ch:2.3			-1			2.01			-2.01	
	Connecting Rd to 1st Main Rd MS nagara										
	0.00	2.00		1	2.00	4.40	4.00	4.20		8.40	
	2.00	15.00		1	13.00	4.00	3.95	3.98		51.68	
	15.00	30.00		1	15.00	3.95	4.10	4.03		60.38	
	30.00	39.50		1	9.50	4.10	4.20	4.15		39.43	
	Manhole Deductions										
	MH-2 @Ch:37			-1			2.01			-2.01	
	2nd Main Rd MS nagara										
	0.00	2.00			2.00	7.10	8.40	7.75		15.50	1423.68

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	2.00	6.00		1	4.00	8.40	8.20	8.30		33.20	
	6.00	8.00		1	2.00	8.20	7.80	8.00		16.00	
	8.00	15.00		1	7.00	7.80	7.60	7.70		53.90	
	15.00	30.00		1	15.00	7.60	6.70	7.15		107.25	
	30.00	45.00		1	15.00	6.70	7.40	7.05		105.75	
	45.00	49.00		1	4.00	7.40	6.90	7.15		28.60	
	49.00	60.00		1	11.00	6.90	7.15	7.03		77.28	
	60.00	75.00		1	15.00	7.15	7.40	7.28		109.13	
	75.00	79.50		1	4.50	7.40	7.30	7.35		33.08	
	Manhole Deductions										
	MH-1 @Ch:14			-1			0.64			-0.64	
	Connecting Rd to 2nd Mn MS nagara										
	0.00	2.00		1	2.00	6.00	5.70	5.85		11.70	
	2.00	15.00		1	13.00	5.70	5.50	5.60		72.80	
	15.00	30.00		1	15.00	5.50	5.55	5.53		82.88	
	30.00	45.00		1	15.00	5.55	5.40	5.48		82.13	
	45.00	60.00		1	15.00	5.40	5.15	5.28		79.13	
	60.00	75.00		1	15.00	5.15	5.40	5.28		79.13	
	75.00	90.00		1	15.00	5.40	5.50	5.45		81.75	
	90.00	105.00		1	15.00	5.50	5.50	5.50		82.50	
	105.00	120.00		1	15.00	5.50	5.20	5.35		80.25	
	120.00	135.00		1	15.00	5.20	5.10	5.15		77.25	
	135.00	150.00		1	15.00	5.10	5.50	5.30		79.50	
	150.00	165.00		1	15.00	5.50	5.70	5.60		84.00	
	165.00	178.00		1	13.00	5.70	6.00	5.85		76.05	
	178.00	186.00		1	8.00	6.00	5.80	5.90		47.20	
	186.00	200.00		1	14.00	5.80	6.20	6.00		84.00	
	200.00	215.00		1	15.00	6.20	5.70	5.95		89.25	
	215.00	227.00		1	12.00	5.70	5.75	5.73		68.70	
	227.00	229.50		1	2.50	5.75	7.10	6.43		16.06	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	Connecting Rd-1 to MS Nagara 2nd Main End Road										
	0.00	2.00		1	2.00	5.50	5.10	5.30		10.60	
	2.00	15.00		1	13.00	5.10	4.70	4.90		63.70	
	15.00	30.00		1	15.00	4.70	4.60	4.65		69.75	
	30.00	45.00		1	15.00	4.60	4.80	4.70		70.50	
	45.00	60.00		1	15.00	4.80	4.90	4.85		72.75	
	60.00	75.00		1	15.00	4.90	5.10	5.00		75.00	
	75.00	90.00		1	15.00	5.10	5.00	5.05		75.75	
	90.00	110.00			20.00	5.00	4.90	4.95		99.00	2373.58

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	110.00	125.00		1	15.00	4.90	4.80	4.85		72.75	
	125.00	140.00		1	15.00	4.80	4.80	4.80		72.00	
	140.00	155.00		1	15.00	4.80	4.60	4.70		70.50	
	155.00	170.00		1	15.00	4.60	4.90	4.75		71.25	
	170.00	185.00		1	15.00	4.90	5.15	5.03		75.38	
	185.00	200.00		1	15.00	5.15	5.10	5.13		76.88	
	200.00	202.00		1	2.00	5.10	5.10	5.10		10.20	
	202.00	225.00		1	23.00	5.10	5.90	5.50		126.50	
	225.00	228.00		1	3.00	5.90	6.60	6.25		18.75	
	228.00	235.50		1	7.50	6.60	8.75	7.68		57.56	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	MH-3			-1			0.64			-0.64	
	MH-4			-1			0.64			-0.64	
	MH-4			-1			0.64			-0.64	
	Agrahara Layout Main Road										
	GK Road to Agrahara Main Rd										
	Road Cut										
	0.00	15.00		1	13.50	3.30	3.50	3.40		45.90	
	15.00	30.00		1	15.00	3.50	3.40	3.45		51.75	
	30.00	36.50		1	6.50	3.40	2.30	2.85		18.53	
	36.50	57.00		1	20.50	2.30	3.00	2.65		54.33	
	57.00	70.00		1	13.00	3.00	2.90	2.95		38.35	
	70.00	77.70		1	7.70	2.90	3.50	3.20		24.64	
	77.70	81.70		1	4.00	3.50	2.20	2.85		11.40	
	81.70	95.00		1	13.30	2.20	2.80	2.50		33.25	
	95.00	108.50		1	13.50	2.80	4.00	3.40		45.90	
	108.50	124.00		1	15.50	4.00	3.10	3.55		55.03	
	124.00	128.00		1	4.00	3.10	3.10	3.10		12.40	
	128.00	142.00		1	14.00	3.10	3.50	3.30		46.20	
	142.00	146.00		1	4.00	3.50	2.50	3.00		12.00	
	146.00	157.50		1	11.50	2.50	2.40	2.45		28.18	
	157.50	176.00		1	18.50	2.40	2.00	2.20		40.70	
	176.00	196.00		1	20.00	2.00	2.00	2.00		40.00	
	196.00	215.00		1	19.00	2.00	2.50	2.25		42.75	
	215.00	222.60		1	7.60	2.50	2.20	2.35		17.86	
	222.60	230.00		1	7.40	2.20	3.00	2.60		19.24	
	230.00	245.00		1	15.00	3.00	3.70	3.35		50.25	
	245.00	261.00		1	16.00	3.70	2.50	3.10		49.60	
	261.00	271.00		1	10.00	2.50	3.00	2.75		27.50	
	271.00	299.00		1	28.00	3.00	2.20	2.60		72.80	
	299.00	308.50		1	9.50	2.20	3.10	2.65		25.18	1512.30

Checked 8/1/2022

8/1/22

8/1/22

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	308.50	329.40		1	20.90	3.10	2.50	2.80		58.52	
	329.40	350.00		1	20.60	2.50	3.80	3.15		64.89	
	350.00	371.00		1	21.00	3.80	3.60	3.70		77.70	
	371.00	395.00		1	24.00	3.60	5.50	4.55		109.20	
	395.00	403.00		1	8.00	5.50	2.70	4.10		32.80	
	403.00	427.00		1	24.00	2.70	3.50	3.10		74.40	
	427.00	439.00		1	12.00	3.50	3.00	3.25		39.00	
	439.00	460.50		1	21.50	3.00	3.60	3.30		70.95	
	460.50	466.00		1	5.50	3.60	3.00	3.30		18.15	
	466.00	479.00		1	13.00	3.00	4.30	3.65		47.45	
	479.00	484.00		1	5.00	4.30	2.90	3.60		18.00	
	484.00	491.00		1	7.00	2.90	4.00	3.45		24.15	
	491.00	497.00		1	6.00	4.00	3.40	3.70		22.20	
	497.00	509.00		1	12.00	3.40	3.30	3.35		40.20	
	509.00	518.00		1	9.00	3.30	5.00	4.15		37.35	
	518.00	545.20		1	27.20	5.00	3.50	4.25		115.60	
	545.20	573.50		1	28.30	3.50	4.00	3.75		106.13	
	573.50	595.50		1	22.00	4.00	6.00	5.00		110.00	
	595.50	621.50		1	26.00	6.00	3.00	4.50		117.00	
	621.50	660.00		1	38.50	3.00	3.15	3.08		118.39	
	660.00	670.00		1	10.00	3.15	3.90	3.53		35.25	
	670.00	683.00		1	13.00	3.90	3.00	3.45		44.85	
	683.00	692.00		1	9.00	3.00	3.00	3.00		27.00	
	692.00	700.00		1	8.00	3.00	3.00	3.00		24.00	
	700.00	715.00		1	15.00	3.00	2.90	2.95		44.25	
	715.00	730.00		1	15.00	2.90	2.60	2.75		41.25	
	730.00	745.00		1	15.00	2.60	2.80	2.70		40.50	
	745.00	764.00		1	19.00	2.80	2.80	2.80		53.20	
	764.00	780.00		1	16.00	2.80	2.90	2.85		45.60	
	780.00	800.00		1	20.00	2.90	3.00	2.95		59.00	
	800.00	815.00		1	15.00	3.00	3.00	3.00		45.00	
	815.00	831.00		1	16.00	3.00	2.70	2.85		45.60	
	831.00	860.00		1	29.00	2.70	2.80	2.75		79.75	
	860.00	875.00		1	15.00	2.80	2.80	2.80		42.00	
	875.00	890.00		1	15.00	2.80	3.00	2.90		43.50	
	890.00	895.00		1	5.00	3.00	3.50	3.25		16.25	
	895.00	913.00		1	18.00	3.50	3.60	3.55		63.90	
	913.00	942.00		1	29.00	3.60	2.90	3.25		94.25	
	942.00	955.00		1	13.00	2.90	2.50	2.70		35.10	
	955.00	975.00		1	20.00	2.50	2.80	2.65		53.00	
	975.00	985.00		1	10.00	2.80	2.00	2.40		24.00	
	985.00	1011.00		1	26.00	2.00	2.70	2.35		61.10	
	1011.00	1038.00		1	27.00	2.70	2.40	2.55		68.85	
	1038.00	1060.00		1	22.00	2.40	4.40	3.40		74.80	2464.07

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	1060.00	1085.80		1	25.80	4.40	2.70	3.55		91.59	
	1085.80	1090.00		1	4.20	2.70	2.00	2.35		9.87	
	1090.00	1095.00		1	5.00	2.00	3.70	2.85		14.25	
	1095.00	1100.00		1	5.00	3.70	3.60	3.65		18.25	
	1100.00	1120.00		1	20.00	0.00	0.00	0.00		0.00	
	Agrahara Babadavane										
	5th Mn Road connected to Agrahara Mn rd										
	0.00	3.00		1	3.00	7.20	4.80	6.00		18.00	
	3.00	15.00		1	12.00	4.80	4.80	4.80		57.60	
	15.00	22.50		1	7.50	4.80	4.45	4.63		34.69	34.725
											244.25
								Total Quantity		**11972.22**	**Sqm**
15	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.158, I.No.21.2 of PW,P&IWTD SR 2018-19)										
	Agrahara Layout Main Road										
	GK Road to Agrahara Main Rd										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	8.20	7.60	7.90		106.65	
	15.00	30.00		1	15.00	7.60	7.70	7.65		114.75	
	30.00	45.00		1	15.00	7.70	8.20	7.95		119.25	
	45.00	60.00		1	15.00	8.20	8.00	8.10		121.50	
	60.00	75.00		1	15.00	8.00	8.00	8.00		120.00	
	75.00	90.00		1	15.00	8.00	6.90	7.45		111.75	
	90.00	105.00		1	15.00	6.90	5.90	6.40		96.00	
	105.00	120.00		1	15.00	5.90	6.50	6.20		93.00	
	120.00	133.00		1	13.00	6.50	7.70	7.10		92.30	
	133.00	141.00		1	8.00	7.70	7.00	7.35		58.80	
	141.00	165.00		1	24.00	7.00	6.00	6.50		156.00	
	165.00	180.00		1	15.00	6.00	7.30	6.65		99.75	
	180.00	186.00		1	6.00	7.30	6.45	6.88		41.25	
	186.00	200.00		1	14.00	6.45	6.40	6.43		89.95	
	200.00	215.00		1	15.00	6.40	6.80	6.60		99.00	
	215.00	230.00		1	15.00	6.80	6.55	6.68		100.13	
	230.00	245.00		1	15.00	6.55	6.60	6.58		98.63	
	245.00	260.00		1	15.00	6.60	6.60	6.60		99.00	
	260.00	275.00		1	15.00	6.60	7.20	6.90		103.50	
	275.00	290.00		1	15.00	7.20	6.70	6.95		104.25	
	290.00	305.00		1	15.00	6.70	7.45	7.08		106.13	
	305.00	320.00		1	15.00	7.45	7.40	7.43		111.38	
	320.00	335.00		1	15.00	7.40	6.60	7.00		105.00	2347.95

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	335.00	350.00		1	15.00	6.60	5.60	6.10		91.50	
	350.00	365.00		1	15.00	5.60	6.70	6.15		92.25	
	365.00	380.00		1	15.00	6.70	6.40	6.55		98.25	
	380.00	395.00		1	15.00	6.40	6.20	6.30		94.50	
	395.00	410.00		1	15.00	6.20	6.15	6.18		92.63	
	410.00	425.00		1	15.00	6.15	6.90	6.53		97.88	
	425.00	440.00		1	15.00	6.90	7.00	6.95		104.25	
	440.00	455.00		1	15.00	7.00	6.70	6.85		102.75	
	455.00	470.00		1	15.00	6.70	6.90	6.80		102.00	
	470.00	485.00		1	15.00	6.90	6.20	6.55		98.25	
	485.00	500.00		1	15.00	6.20	6.80	6.50		97.50	
	500.00	515.00		1	15.00	6.80	6.80	6.80		102.00	
	515.00	530.00		1	15.00	6.80	7.00	6.90		103.50	
	530.00	545.00		1	15.00	7.00	6.60	6.80		102.00	
	545.00	560.00		1	15.00	6.60	6.95	6.78		101.63	
	560.00	575.00		1	15.00	6.95	6.40	6.68		100.13	
	575.00	589.00		1	14.00	6.40	7.00	6.70		93.80	
	589.00	597.00		1	8.00	7.00	7.30	7.15		57.20	
	597.00	610.00		1	13.00	7.30	6.20	6.75		87.75	
	610.00	625.00		1	15.00	6.20	6.40	6.30		94.50	
	625.00	640.00		1	15.00	6.40	6.20	6.30		94.50	
	640.00	655.00		1	15.00	6.20	6.00	6.10		91.50	
	655.00	670.00		1	15.00	6.00	6.20	6.10		91.50	
	670.00	685.00		1	15.00	6.20	6.50	6.35		95.25	
	685.00	700.00		1	15.00	6.50	6.40	6.45		96.75	
	700.00	715.00		1	15.00	6.40	6.00	6.20		93.00	
	715.00	730.00		1	15.00	6.00	6.00	6.00		90.00	
	730.00	745.00		1	15.00	6.00	6.00	6.00		90.00	
	745.00	760.00		1	15.00	6.00	5.80	5.90		88.50	
	760.00	775.00		1	15.00	5.80	6.20	6.00		90.00	
	775.00	790.00		1	15.00	6.20	6.10	6.15		92.25	
	790.00	805.00		1	15.00	6.10	6.20	6.15		92.25	
	805.00	820.00		1	15.00	6.20	5.60	5.90		88.50	
	820.00	835.00		1	15.00	5.60	5.90	5.75		86.25	
	835.00	850.00		1	15.00	5.90	6.20	6.05		90.75	
	850.00	865.00		1	15.00	6.20	6.10	6.15		92.25	
	865.00	880.00		1	15.00	6.10	5.90	6.00		90.00	
	880.00	895.00		1	15.00	5.90	5.70	5.80		87.00	
	895.00	910.00		1	15.00	5.70	6.10	5.90		88.50	
	910.00	925.00		1	15.00	6.10	5.90	6.00		90.00	
	925.00	940.00		1	15.00	5.90	6.10	6.00		90.00	
	940.00	955.00		1	15.00	6.10	6.30	6.20		93.00	
	955.00	970.00		1	15.00	6.30	6.30	6.30		94.50	
	970.00	985.00		1	15.00	6.30	6.30	6.30		94.50	4105.00

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	985.00	1000.00		1	15.00	6.30	6.30	6.30		94.50	
	1000.00	1015.00		1	15.00	6.30	6.40	6.35		95.25	
	1015.00	1030.00		1	15.00	6.40	6.30	6.35		95.25	
	1030.00	1045.00		1	15.00	6.30	6.50	6.40		96.00	
	1045.00	1060.00		1	15.00	6.50	6.80	6.65		99.75	
	1060.00	1070.00		1	10.00	6.80	6.50	6.65		66.50	
	1070.00	1085.00		1	15.00	6.50	6.80	6.65		99.75	
	1085.00	1100.00		1	15.00	6.80	7.00	6.90		103.50	
	1100.00	1107.00		1	7.00	7.00	7.60	7.30		51.10	
	1107.00	1115.00		1	8.00	7.60	7.30	7.45		59.60	
	1115.00	1123.00		1	8.00	7.30	7.20	7.25		58.00	
	1123.00	1127.00		1	4.00	7.20	8.85	8.03		32.10	951.30
										7404.25	
								Deduct Prime Coat		-3461.75	
								Total Quantity		3942.50	Sqm
16	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.158 I.No.21.7 of PW,P&IWTD SR of 2018-19)										
	6th c/s Rd MS nagara										
	0.00	1.20		0	0.00	0.00	0.00	0.00		0.00	
	1.20	5.00		1	3.80	5.80	5.60	5.70		21.66	
	5.00	15.00		1	10.00	5.60	5.10	5.35		53.50	
	15.00	30.00		1	15.00	5.10	5.00	5.05		75.75	
	30.00	45.00		1	15.00	5.00	5.30	5.15		77.25	
	45.00	60.00		1	15.00	5.30	5.20	5.25		78.75	
	60.00	75.00		1	15.00	5.20	5.10	5.15		77.25	
	75.00	90.00		1	15.00	5.10	5.30	5.20		78.00	
	90.00	105.00		1	15.00	5.30	5.50	5.40		81.00	
	105.00	120.00		1	15.00	5.50	5.50	5.50		82.50	
	120.00	125.00		1	5.00	5.50	5.80	5.65		28.25	
	125.00	140.00		1	15.00	5.80	5.55	5.68		85.13	
	140.00	146.00		1	6.00	5.55	5.50	5.53		33.15	
	146.00	148.00		1	2.00	5.50	5.80	5.65		11.30	
	Manhole Deductions										
	MH-1 @Ch:39			-1				2.01		-2.01	
	MH-2 @Ch:92			-1				2.01		-2.01	
	MH-3 @Ch:118			-1				2.01		-2.01	
											788.76

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	7th c/s Rd MS nagara										
	0.00	2.00		1	2.00	5.70	5.60	5.65		11.30	
	2.00	15.00		1	13.00	5.60	5.20	5.40		70.20	
	15.00	30.00		1	15.00	5.20	5.10	5.15		77.25	
	30.00	45.00		1	15.00	5.10	5.40	5.25		78.75	
	45.00	60.00		1	15.00	5.40	5.20	5.30		79.50	
	60.00	75.00		1	15.00	5.20	5.50	5.35		80.25	
	75.00	90.00		1	15.00	5.50	5.70	5.60		84.00	
	90.00	105.00		1	15.00	5.70	5.70	5.70		85.50	
	105.00	120.00		1	15.00	5.70	5.30	5.50		82.50	
	120.00	135.00		1	15.00	5.30	5.60	5.45		81.75	
	135.00	144.00		1	9.00	5.60	5.60	5.60		50.40	
	144.00	146.30		1	2.30	5.60	6.90	6.25		14.38	
	146.30	151.00		0	0.00	0.00	0.00	0.00		0.00	
	151.00	153.00		1	2.00	7.00	5.30	6.15		12.30	
	153.00	165.00		1	12.00	5.30	5.50	5.40		64.80	
	165.00	190.00		1	25.00	5.50	5.50	5.50		137.50	
	190.00	192.00		1	2.00	5.50	5.20	5.35		10.70	
	192.00	195.00		1	3.00	5.20	5.10	5.15		15.45	
	195.00	202.00		1	7.00	5.10	5.50	5.30		37.10	
	202.00	210.00		1	8.00	5.50	5.60	5.55		44.40	
	210.00	225.00		1	15.00	5.60	5.60	5.60		84.00	
	225.00	240.00		1	15.00	5.60	5.80	5.70		85.50	
	240.00	249.00		1	9.00	5.80	5.60	5.70		51.30	
	Manhole Deductions										
	MH-1 @Ch:9.4			-1				0.64		-0.64	
	MH-2 '@Ch:36.4			-1				0.64		-0.64	
	MH-3 @Ch:64.5			-1				0.64		-0.64	
	MH-4 @Ch:95.2			-1				0.64		-0.64	
	MH-5 @Ch:180			-1				2.01		-2.01	
	MH-6 '@Ch:207			-1				2.01		-2.01	
	MH-7 @Ch:240			-1				2.01		-2.01	
	8th c/s Rd MS nagara										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	6.00	5.80	5.90		79.65	
	15.00	30.00		1	15.00	5.80	5.80	5.80		87.00	
	30.00	45.00		1	15.00	5.80	5.45	5.63		84.38	
	45.00	60.00		1	15.00	5.45	5.40	5.43		81.38	
	60.00	75.00		1	15.00	5.40	5.15	5.28		79.13	
	75.00	90.00		1	15.00	5.15	5.30	5.23		78.38	
	90.00	105.00		1	15.00	5.30	5.20	5.25		78.75	
	105.00	120.00		1	15.00	5.20	5.30	5.25		78.75	
	120.00	135.00		1	15.00	5.30	5.15	5.23		78.38	2044.73

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	135.00	140.00		1	5.00	5.15	5.60	5.38		26.88	
	140.00	145.00		1	5.00	5.60	6.80	6.20		31.00	
	145.00	150.80		0	0.00	0.00	0.00	0.00		0.00	1st Mn MS nagar
	150.80	153.00		1	2.20	6.25	5.15	5.70		12.54	
	153.00	165.00		1	12.00	5.15	5.20	5.18		62.10	
	165.00	180.00		1	15.00	5.20	5.10	5.15		77.25	
	180.00	195.00		1	15.00	5.10	5.10	5.10		76.50	
	195.00	210.00		1	15.00	5.10	5.10	5.10		76.50	
	210.00	215.00		1	5.00	5.10	5.40	5.25		26.25	
	215.00	230.00		1	15.00	5.40	5.40	5.40		81.00	
	230.00	245.00		1	15.00	5.40	5.50	5.45		81.75	
	245.00	260.00		1	15.00	5.50	5.40	5.45		81.75	
	260.00	275.00		1	15.00	5.40	5.40	5.40		81.00	
	275.00	280.00		1	5.00	5.40	5.45	5.43		27.13	
	280.00	281.00		1	1.00	5.45	5.70	5.58		5.58	
	Manhole Deductions										
	MH-1 @Ch:181.5			-1				2.01		-2.01	
	MH-2 '@Ch:210			-1				2.01		-2.01	
	MH-3 @Ch:239.7			-1				2.01		-2.01	
	MH-4 @Ch:270.5			-1				2.01		-2.01	
	9th c/s Rd MS nagara										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	5.20	4.90	5.05		68.18	
	15.00	30.00		1	15.00	4.90	5.30	5.10		76.50	
	30.00	45.00		1	15.00	5.30	5.30	5.30		79.50	
	45.00	60.00		1	15.00	5.30	5.40	5.35		80.25	
	60.00	75.00		1	15.00	5.40	4.90	5.15		77.25	
	75.00	90.00		1	15.00	4.90	4.80	4.85		72.75	
	90.00	105.00		1	15.00	4.80	4.90	4.85		72.75	
	105.00	120.00		1	15.00	4.90	4.80	4.85		72.75	
	120.00	135.00		1	15.00	4.80	4.45	4.63		69.38	
	135.00	143.00		1	8.00	4.45	4.60	4.53		36.20	
	143.00	145.00		1	2.00	4.60	5.80	5.20		10.40	
	1st Main Rd MS nagara										
	0.00	5.00		1	5.00	5.00	5.00	5.00		25.00	
	5.00	6.00		1	1.00	5.00	3.85	4.43		4.43	
	6.00	15.00		1	9.00	3.85	4.90	4.38		39.38	
	15.00	25.00		1	10.00	4.90	4.50	4.70		47.00	
	25.00	38.00		1	13.00	4.50	4.85	4.68		60.78	
	38.00	43.00		1	5.00	4.85	5.60	5.23		26.13	
	43.00	47.00		1	4.00	5.60	4.65	5.13		20.50	
	47.00	56.00		1	9.00	4.65	4.80	4.73		42.53	1720.80

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	56.00	70.00		1	14.00	4.80	4.60	4.70		65.80	
	70.00	75.00		1	5.00	4.60	5.60	5.10		25.50	
	75.00	85.00		1	10.00	5.60	5.20	5.40		54.00	
	85.00	100.00		1	15.00	5.20	5.30	5.25		78.75	
	100.00	108.00		1	8.00	5.30	5.70	5.50		44.00	
	108.00	115.00		1	7.00	5.70	5.10	5.40		37.80	
	115.00	130.00		1	15.00	5.10	6.45	5.78		86.63	
	130.00	149.70		1	19.70	6.45	4.40	5.43		106.87	
	Manhole Deductions										
	MH-1 @Ch:77.2			-1			0.64			-0.64	
	MH-2 @Ch:133.2			-1			0.64			-0.64	
	Connecting Rd to 9th c/s Rd MS nagara										
	0.00	2.00		1	2.00	5.50	4.50	5.00		10.00	
	2.00	15.00		1	13.00	4.50	4.40	4.45		57.85	
	15.00	33.20		1	18.20	4.40	5.10	4.75		86.45	25/1/22
	Manhole Deductions										
	MH-1 @Ch:2.3			-1			2.01			-2.01	
	Connecting Rd to 1st Main Rd MS nagara										
	0.00	2.00		1	2.00	4.40	4.00	4.20		8.40	
	2.00	15.00		1	13.00	4.00	3.95	3.98		51.68	
	15.00	30.00		1	15.00	3.95	4.10	4.03		60.38	
	30.00	39.50		1	9.50	4.10	4.20	4.15		39.43	
	Manhole Deductions										
	MH-2 @Ch:37			-1			2.01			-2.01	
	2nd Main Rd MS nagara										
	0.00	2.00		1	2.00	7.10	8.40	7.75		15.50	
	2.00	6.00		1	4.00	8.40	8.20	8.30		33.20	
	6.00	8.00		1	2.00	8.20	7.80	8.00		16.00	
	8.00	15.00		1	7.00	7.80	7.60	7.70		53.90	
	15.00	30.00		1	15.00	7.60	6.70	7.15		107.25	
	30.00	45.00		1	15.00	6.70	7.40	7.05		105.75	
	45.00	49.00		1	4.00	7.40	6.90	7.15		28.60	
	49.00	60.00		1	11.00	6.90	7.15	7.03		77.28	
	60.00	75.00		1	15.00	7.15	7.40	7.28		109.13	
	75.00	79.50		1	4.50	7.40	7.30	7.35		33.08	
	Manhole Deductions										
	MH-1 @Ch:14			-1			0.64			-0.64	
	Connecting Rd to 2nd Mn MS nagara										
	0.00	2.00		1	2.00	6.00	5.70	5.85		11.70	
	2.00	15.00		1	13.00	5.70	5.50	5.60		72.80	1471.77

C/FC 25/1/2022

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	15.00	30.00		1	15.00	5.50	5.55	5.53		82.88	
	30.00	45.00		1	15.00	5.55	5.40	5.48		82.13	
	45.00	60.00		1	15.00	5.40	5.15	5.28		79.13	
	60.00	75.00		1	15.00	5.15	5.40	5.28		79.13	
	75.00	90.00		1	15.00	5.40	5.50	5.45		81.75	
	90.00	105.00		1	15.00	5.50	5.50	5.50		82.50	
	105.00	120.00		1	15.00	5.50	5.20	5.35		80.25	
	120.00	135.00		1	15.00	5.20	5.10	5.15		77.25	
	135.00	150.00		1	15.00	5.10	5.50	5.30		79.50	
	150.00	165.00		1	15.00	5.50	5.70	5.60		84.00	
	165.00	178.00		1	13.00	5.70	6.00	5.85		76.05	
	178.00	186.00		1	8.00	6.00	5.80	5.90		47.20	
	186.00	200.00		1	14.00	5.80	6.20	6.00		84.00	
	200.00	215.00		1	15.00	6.20	5.70	5.95		89.25	
	215.00	227.00		1	12.00	5.70	5.75	5.73		68.70	
	227.00	229.50		1	2.50	5.75	7.10	6.43		16.06	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	Connecting Rd-1 to MS Nagara 2nd Main End Road										
	0.00	2.00		1	2.00	5.50	5.10	5.30		10.60	
	2.00	15.00		1	13.00	5.10	4.70	4.90		63.70	
	15.00	30.00		1	15.00	4.70	4.60	4.65		69.75	
	30.00	45.00		1	15.00	4.60	4.80	4.70		70.50	
	45.00	60.00		1	15.00	4.80	4.90	4.85		72.75	
	60.00	75.00		1	15.00	4.90	5.10	5.00		75.00	
	75.00	90.00		1	15.00	5.10	5.00	5.05		75.75	
	90.00	110.00		1	20.00	5.00	4.90	4.95		99.00	
	110.00	125.00		1	15.00	4.90	4.80	4.85		72.75	
	125.00	140.00		1	15.00	4.80	4.80	4.80		72.00	
	140.00	155.00		1	15.00	4.80	4.60	4.70		70.50	
	155.00	170.00		1	15.00	4.60	4.90	4.75		71.25	
	170.00	185.00		1	15.00	4.90	5.15	5.03		75.38	
	185.00	200.00		1	15.00	5.15	5.10	5.13		76.88	
	200.00	202.00		1	2.00	5.10	5.10	5.10		10.20	
	202.00	225.00		1	23.00	5.10	5.90	5.50		126.50	
	225.00	228.00		1	3.00	5.90	6.60	6.25		18.75	
	228.00	235.50		1	7.50	6.60	8.75	7.68		57.56	
	Manhole Deductions										
	MH-1			-1			0.64			-0.64	
	MH-2			-1			0.64			-0.64	
	MH-3			-1			0.64			-0.64	
	MH-4			-1			0.64			-0.64	2374.76

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	MH-4			-1				0.64		-0.64	
	Approach Road			1	3.50			2.00		7.00	
	Tack Coat for DBM										
	Agrahara Layout Main Road										
	GK Road to Agrahara Main Rd										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	3.75	4.10	3.93		52.99	
	15.00	30.00		1	15.00	4.10	3.75	3.93		58.88	
	30.00	45.00		1	15.00	3.75	3.35	3.55		53.25	
	45.00	60.00		1	15.00	3.35	3.40	3.38		50.63	
	60.00	75.00		1	15.00	3.40	3.70	3.55		53.25	
	75.00	90.00		1	15.00	3.70	2.80	3.25		48.75	
	90.00	105.00		1	15.00	2.80	3.60	3.20		48.00	
	105.00	120.00		1	15.00	3.60	3.20	3.40		51.00	
	120.00	125.20		1	5.20	3.20	4.20	3.70		19.24	
	125.20	130.00		1	4.80	4.20	3.00	3.60		17.28	
	130.00	145.00		1	15.00	3.00	3.20	3.10		46.50	
	145.00	160.00		1	15.00	3.20	3.40	3.30		49.50	
	160.00	175.00		1	15.00	3.40	3.90	3.65	CFEC	54.75	
	175.00	190.00		1	15.00	3.90	2.95	3.43		51.38	
	190.00	205.00		1	15.00	2.95	3.10	3.03	18/11/22	45.38	18/11/22
	205.00	220.00		1	15.00	3.10	3.10	3.10		46.50	
	220.00	235.00		1	15.00	3.10	3.00	3.05		45.75	
	235.00	250.00		1	15.00	3.00	3.00	3.00		45.00	
	250.00	263.00		1	13.00	3.00	3.90	3.45		44.85	
	263.00	271.00		1	8.00	3.90	3.30	3.60		28.80	
	271.00	285.00		1	14.00	3.30	3.20	3.25		45.50	
	285.00	300.00		1	15.00	3.20	3.20	3.20		48.00	
	300.00	315.00		1	15.00	3.20	3.30	3.25		48.75	
	315.00	330.00		1	15.00	3.30	3.60	3.45		51.75	
	330.00	345.00		1	15.00	3.60	3.60	3.60		54.00	
	345.00	360.00		1	15.00	3.60	3.20	3.40		51.00	
	360.00	375.00		1	15.00	3.20	3.50	3.35		50.25	
	375.00	390.00		1	15.00	3.50	3.75	3.63		54.38	
	390.00	405.00		1	15.00	3.75	5.60	4.68		70.13	
	405.00	420.00		1	15.00	5.60	6.00	5.80		87.00	
	420.00	429.00		1	9.00	6.00	3.50	4.75		42.75	
	429.00	445.00		1	16.00	3.50	3.70	3.60		57.60	
	445.00	460.00		1	15.00	3.70	3.50	3.60		54.00	
	460.00	472.00		1	12.00	3.50	4.30	3.90		46.80	
	472.00	476.00		1	4.00	4.30	3.80	4.05		16.20	
	476.00	485.00		1	9.00	3.80	4.70	4.25		38.25	1734.37

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	485.00	489.50		1	4.50	4.70	4.20	4.45		20.03	
	489.50	500.00		1	10.50	4.20	3.80	4.00		42.00	
	500.00	504.00		1	4.00	3.80	4.35	4.08		16.30	
	504.00	510.00		1	6.00	4.35	4.20	4.28		25.65	
	510.00	525.00		1	15.00	4.20	3.90	4.05		60.75	
	525.00	540.00		1	15.00	3.90	3.80	3.85		57.75	
	540.00	547.00		1	7.00	3.80	5.20	4.50		31.50	
	547.00	556.00		1	9.00	5.20	5.50	5.35		48.15	
	556.00	568.00		1	12.00	5.50	4.80	5.15		61.80	
	568.00	580.00		1	12.00	4.80	4.00	4.40		52.80	
	580.00	599.00		1	19.00	4.00	4.90	4.45		84.55	
	599.00	600.00		1	1.00	4.90	7.20	6.05		6.05	
	600.00	615.00		1	15.00	7.20	6.20	6.70		100.50	
	615.00	630.00		1	15.00	6.20	6.10	6.15		92.25	
	630.00	645.00		1	15.00	6.10	6.10	6.10		91.50	
	645.00	664.00		1	19.00	6.10	3.50	4.80		91.20	
	664.00	680.00		1	16.00	3.50	3.70	3.60		57.60	
	680.00	695.00		1	15.00	3.70	3.60	3.65		54.75	
	695.00	710.00		1	15.00	3.60	3.50	3.55		53.25	
	710.00	725.00		1	15.00	3.50	3.70	3.60		54.00	
	725.00	740.00		1	15.00	3.70	3.50	3.60		54.00	
	740.00	755.00		1	15.00	3.50	3.10	3.30	EJFC	49.50	
	755.00	770.00		1	15.00	3.10	3.40	3.25		48.75	
	770.00	785.00		1	15.00	3.40	3.60	3.50	19/11/2022	52.50	
	785.00	800.00		1	15.00	3.60	3.30	3.45		51.75	
	800.00	815.00		1	15.00	3.30	3.30	3.30		49.50	
	815.00	830.00		1	15.00	3.30	3.20	3.25		48.75	
	830.00	845.00		1	15.00	3.20	3.50	3.35		50.25	
	845.00	860.00		1	15.00	3.50	3.50	3.50		52.50	
	860.00	875.00		1	15.00	3.50	3.50	3.50		52.50	
	875.00	890.00		1	15.00	3.50	3.30	3.40		51.00	
	890.00	894.50		1	4.50	3.30	5.50	4.40		19.80	
	894.50	896.50		1	2.00	5.50	3.30	4.40		8.80	
	896.50	910.00		1	13.50	3.30	3.50	3.40		45.90	
	910.00	925.00		1	15.00	3.50	3.70	3.60		54.00	
	925.00	940.00		1	15.00	3.70	3.50	3.60		54.00	
	940.00	955.00		1	15.00	3.50	3.70	3.60		54.00	
	955.00	970.00		1	15.00	3.70	3.75	3.73		55.88	
	970.00	985.00		1	15.00	3.75	3.80	3.78		56.63	
	985.00	1000.00		1	15.00	3.80	3.40	3.60		54.00	
	1000.00	1015.00		1	15.00	3.40	3.50	3.45		51.75	
	1015.00	1030.00		1	15.00	3.50	3.60	3.55		53.25	
	1030.00	1044.00		1	14.00	3.60	4.20	3.90		54.60	
	1044.00	1060.00			16.00	4.20	4.10	4.15		66.40	2292.38

19/11/22

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	1060.00	1075.00		1	15.00	4.10	4.30	4.20		63.00	
	1075.00	1085.00		1	10.00	4.30	6.20	5.25		52.50	
	1085.00	1087.00		1	2.00	6.20	3.90	5.05		10.10	
	1087.00	1092.00		1	5.00	3.90	5.00	4.45		22.25	
	1092.00	1096.00		1	4.00	5.00	3.90	4.45		17.80	
	1096.00	1110.00		1	14.00	3.90	4.00	3.95		55.30	
	1110.00	1120.00		1	10.00	4.00	4.20	4.10		41.00	
	1120.00	1127.00		1	7.00	4.20	4.60	4.40		30.80	
	Approach work(at Agrahara Mn rd)										
	0.00	9.00		1	9.00	3.30	2.20	2.75		24.75	
	9.00	20.00		1	11.00	2.20	2.10	2.15		23.65	
	20.00	30.00		1	10.00	2.10	2.30	2.20		22.00	
	For Profile										
				1	2.40			2.10		5.04	
				1	2.60			1.80		4.68	
				1	4.80			1.80		8.64	
				1	4.70			1.80		8.46	
				1	8.00			1.60		12.80	
				1	3.30			1.70		5.61	
				1	2.50			1.60		4.00	
	Tack Coat for BC										
	Agrahara Layout Main Road										
	GK Road to Agrahara Main Rd										
	0.00	1.50		0	0.00	0.00	0.00	0.00		0.00	
	1.50	15.00		1	13.50	8.20	7.60	7.90		106.65	
	15.00	30.00		1	15.00	7.60	7.70	7.65		114.75	
	30.00	45.00		1	15.00	7.70	8.20	7.95		119.25	
	45.00	60.00		1	15.00	8.20	8.00	8.10		121.50	
	60.00	75.00		1	15.00	8.00	8.00	8.00		120.00	
	75.00	90.00		1	15.00	8.00	6.90	7.45		111.75	
	90.00	105.00		1	15.00	6.90	5.90	6.40		96.00	
	105.00	120.00		1	15.00	5.90	6.50	6.20		93.00	
	120.00	133.00		1	13.00	6.50	7.70	7.10		92.30	
	133.00	141.00		1	8.00	7.70	7.00	7.35		58.80	
	141.00	165.00		1	24.00	7.00	6.00	6.50		156.00	
	165.00	180.00		1	15.00	6.00	7.30	6.65		99.75	
	180.00	186.00		1	6.00	7.30	6.45	6.88		41.25	
	186.00	200.00		1	14.00	6.45	6.40	6.43	90.02	89.95	
	200.00	215.00		1	15.00	6.40	6.80	6.60		99.00	
	215.00	230.00		1	15.00	6.80	6.55	6.68		100.13	
	230.00	245.00		1	15.00	6.55	6.60	6.58		98.63	
	245.00	260.00		1	15.00	6.60	6.60	6.60		99.00	
	260.00	275.00		1	15.00	6.60	7.20	6.90		103.50	2329.58

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	275.00	290.00		1	15.00	7.20	6.70	6.95		104.25	
	290.00	305.00		1	15.00	6.70	7.45	7.08		106.13	
	305.00	320.00		1	15.00	7.45	7.40	7.43	111.45	111.38	
	320.00	335.00		1	15.00	7.40	6.60	7.00		105.00	
	335.00	350.00		1	15.00	6.60	5.60	6.10		91.50	
	350.00	365.00		1	15.00	5.60	6.70	6.15		92.25	
	365.00	380.00		1	15.00	6.70	6.40	6.55		98.25	
	380.00	395.00		1	15.00	6.40	6.20	6.30		94.50	
	395.00	410.00		1	15.00	6.20	6.15	6.18		92.63	
	410.00	425.00		1	15.00	6.15	6.90	6.53		97.88	
	425.00	440.00		1	15.00	6.90	7.00	6.95		104.25	
	440.00	455.00		1	15.00	7.00	6.70	6.85		102.75	
	455.00	470.00		1	15.00	6.70	6.90	6.80		102.00	27/11/22
	470.00	485.00		1	15.00	6.90	6.20	6.55		98.25	
	485.00	500.00		1	15.00	6.20	6.80	6.50		97.50	
	500.00	515.00		1	15.00	6.80	6.80	6.80		102.00	
	515.00	530.00		1	15.00	6.80	7.00	6.90		103.50	
	530.00	545.00		1	15.00	7.00	6.60	6.80		102.00	
	545.00	560.00		1	15.00	6.60	6.95	6.78		101.63	
	560.00	575.00		1	15.00	6.95	6.40	6.68		100.13	
	575.00	589.00		1	14.00	6.40	7.00	6.70		93.80	
	589.00	597.00		1	8.00	7.00	7.30	7.15		57.20	27/11/2022
	597.00	610.00		1	13.00	7.30	6.20	6.75		87.75	
	610.00	625.00		1	15.00	6.20	6.40	6.30		94.50	
	625.00	640.00		1	15.00	6.40	6.20	6.30		94.50	
	640.00	655.00		1	15.00	6.20	6.00	6.10		91.50	
	655.00	670.00		1	15.00	6.00	6.20	6.10		91.50	
	670.00	685.00		1	15.00	6.20	6.50	6.35		95.25	
	685.00	700.00		1	15.00	6.50	6.40	6.45		96.75	
	700.00	715.00		1	15.00	6.40	6.00	6.20		93.00	
	715.00	730.00		1	15.00	6.00	6.00	6.00		90.00	
	730.00	745.00		1	15.00	6.00	6.00	6.00		90.00	
	745.00	760.00		1	15.00	6.00	5.80	5.90		88.50	
	760.00	775.00		1	15.00	5.80	6.20	6.00		90.00	
	775.00	790.00		1	15.00	6.20	6.10	6.15		92.25	
	790.00	805.00		1	15.00	6.10	6.20	6.15		92.25	
	805.00	820.00		1	15.00	6.20	5.60	5.90		88.50	
	820.00	835.00		1	15.00	5.60	5.90	5.75		86.25	
	835.00	850.00		1	15.00	5.90	6.20	6.05		90.75	
	850.00	865.00		1	15.00	6.20	6.10	6.15		92.25	
	865.00	880.00		1	15.00	6.10	5.90	6.00		90.00	
	880.00	895.00		1	15.00	5.90	5.70	5.80		87.00	
	895.00	910.00		1	15.00	5.70	6.10	5.90		88.50	
	910.00	925.00		1	15.00	6.10	5.90	6.00		90.00	4159.75

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	925.00	940.00		1	15.00	5.90	6.10	6.00		90.00	
	940.00	955.00		1	15.00	6.10	6.30	6.20		93.00	
	955.00	970.00		1	15.00	6.30	6.30	6.30		94.50	
	970.00	985.00		1	15.00	6.30	6.30	6.30		94.50	
	985.00	1000.00		1	15.00	6.30	6.30	6.30		94.50	
	1000.00	1015.00		1	15.00	6.30	6.40	6.35		95.25	
	1015.00	1030.00		1	15.00	6.40	6.30	6.35		95.25	
	1030.00	1045.00		1	15.00	6.30	6.50	6.40		96.00	
	1045.00	1060.00		1	15.00	6.50	6.80	6.65		99.75	
	1060.00	1070.00		1	10.00	6.80	6.50	6.65		66.50	
	1070.00	1085.00		1	15.00	6.50	6.80	6.65		99.75	
	1085.00	1100.00		1	15.00	6.80	7.00	6.90		103.50	
	1100.00	1107.00		1	7.00	7.00	7.60	7.30		51.10	
	1107.00	1115.00		1	8.00	7.60	7.30	7.45		59.60	
	1115.00	1123.00		1	8.00	7.30	7.20	7.25		58.00	
	1123.00	1127.00		1	4.00	7.20	8.85	8.03		32.10	
	Approach work(at Agrahara Mn rd)										
	0.00	15.00		1	15.00	4.30	6.20	5.25		78.75	
	15.00	18.00		1	3.00	6.20	11.30	8.75		26.25	
	18.00	25.00		1	7.00	11.30	8.10	9.70		67.90	
	25.00	36.00		1	11.00	8.10	5.70	6.90		75.90	
	Agrahara Babadavane										
	5th Mn Road connected to Agrahara Mn rd										
	0.00	3.00		1	3.00	7.20	4.80	6.00		18.00	
	3.00	15.00		1	12.00	4.80	4.80	4.80		57.60	
	15.00	22.50		1	7.50	4.80	4.45	4.63		34.69	1682.39
								Total Quantity		**20603.28**	**Sqm**
17	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160.I No-21.17.6)										
	Tack Coat for DBM										
	Agrahara Layout Main Road										
	GK Road to Agrahara Main Rd										
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.05	0.00	
	1.50	15.00		1	13.50	3.75	4.10	3.93	0.05	2.65	
	15.00	30.00		1	15.00	4.10	3.75	3.93	0.05	2.94	5.59

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	30.00	45.00		1	15.00	3.75	3.35	3.55	0.05	2.66	
	45.00	60.00		1	15.00	3.35	3.40	3.38	0.05	2.53	
	60.00	75.00		1	15.00	3.40	3.70	3.55	0.05	2.66	
	75.00	90.00		1	15.00	3.70	2.80	3.25	0.05	2.44	
	90.00	105.00		1	15.00	2.80	3.60	3.20	0.05	2.40	
	105.00	120.00		1	15.00	3.60	3.20	3.40	0.05	2.55	
	120.00	125.20		1	5.20	3.20	4.20	3.70	0.05	0.96	
	125.20	130.00		1	4.80	4.20	3.00	3.60	0.05	0.86	
	130.00	145.00		1	15.00	3.00	3.20	3.10	0.05	2.33	
	145.00	160.00		1	15.00	3.20	3.40	3.30	0.05	2.48	
	160.00	175.00		1	15.00	3.40	3.90	3.65	0.05	2.74	
	175.00	190.00		1	15.00	3.90	2.95	3.43	0.05	2.57	
	190.00	205.00		1	15.00	2.95	3.10	3.03	0.05	2.27	
	205.00	220.00		1	15.00	3.10	3.10	3.10	0.05	2.33	
	220.00	235.00		1	15.00	3.10	3.00	3.05	0.05	2.29	21/1/22
	235.00	250.00		1	15.00	3.00	3.00	3.00	0.05	2.25	
	250.00	263.00		1	13.00	3.00	3.90	3.45	0.05	2.24	
	263.00	271.00		1	8.00	3.90	3.30	3.60	0.05	1.44	
	271.00	285.00		1	14.00	3.30	3.20	3.25	0.05	2.28	
	285.00	300.00		1	15.00	3.20	3.20	3.20	0.05	2.40	
	300.00	315.00		1	15.00	3.20	3.30	3.25	0.05	2.44	CPRC
	315.00	330.00		1	15.00	3.30	3.60	3.45	0.05	2.59	
	330.00	345.00		1	15.00	3.60	3.60	3.60	0.05	2.70	21/1/2022
	345.00	360.00		1	15.00	3.60	3.20	3.40	0.05	2.55	
	360.00	375.00		1	15.00	3.20	3.50	3.35	0.05	2.51	
	375.00	390.00		1	15.00	3.50	3.75	3.63	0.05	2.72	
	390.00	405.00		1	15.00	3.75	5.60	4.68	0.05	3.51	
	405.00	420.00		1	15.00	5.60	6.00	5.80	0.05	4.35	
	420.00	429.00		1	9.00	6.00	3.50	4.75	0.05	2.14	
	429.00	445.00		1	16.00	3.50	3.70	3.60	0.05	2.88	
	445.00	460.00		1	15.00	3.70	3.50	3.60	0.05	2.70	
	460.00	472.00		1	12.00	3.50	4.30	3.90	0.05	2.34	
	472.00	476.00		1	4.00	4.30	3.80	4.05	0.05	0.81	
	476.00	485.00		1	9.00	3.80	4.70	4.25	0.05	1.91	
	485.00	489.50		1	4.50	4.70	4.20	4.45	0.05	1.00	
	489.50	500.00		1	10.50	4.20	3.80	4.00	0.05	2.10	
	500.00	504.00		1	4.00	3.80	4.35	4.08	0.05	0.82	
	504.00	510.00		1	6.00	4.35	4.20	4.28	0.05	1.28	
	510.00	525.00		1	15.00	4.20	3.90	4.05	0.05	3.04	
	525.00	540.00		1	15.00	3.90	3.80	3.85	0.05	2.89	
	540.00	547.00		1	7.00	3.80	5.20	4.50	0.05	1.58	
	547.00	556.00		1	9.00	5.20	5.50	5.35	0.05	2.41	
	556.00	568.00		1	12.00	5.50	4.80	5.15	0.05	3.09	
	568.00	580.00		1	12.00	4.80	4.00	4.40	0.05	2.64	101.64

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	580.00	599.00		1	19.00	4.00	4.90	4.45	0.05	4.23	
	599.00	600.00		1	1.00	4.90	7.20	6.05	0.05	0.30	
	600.00	615.00		1	15.00	7.20	6.20	6.70	0.05	5.03	
	615.00	630.00		1	15.00	6.20	6.10	6.15	0.05	4.61	
	630.00	645.00		1	15.00	6.10	6.10	6.10	0.05	4.58	
	645.00	664.00		1	19.00	6.10	3.50	4.80	0.05	4.56	
	664.00	680.00		1	16.00	3.50	3.70	3.60	0.05	2.88	
	680.00	695.00		1	15.00	3.70	3.60	3.65	0.05	2.74	
	695.00	710.00		1	15.00	3.60	3.50	3.55	0.05	2.66	
	710.00	725.00		1	15.00	3.50	3.70	3.60	0.05	2.70	
	725.00	740.00		1	15.00	3.70	3.50	3.60	0.05	2.70	
	740.00	755.00		1	15.00	3.50	3.10	3.30	0.05	2.48	
	755.00	770.00		1	15.00	3.10	3.40	3.25	0.05	2.44	
	770.00	785.00		1	15.00	3.40	3.60	3.50	0.05	2.63	
	785.00	800.00		1	15.00	3.60	3.30	3.45	0.05	2.59	
	800.00	815.00		1	15.00	3.30	3.30	3.30	0.05	2.48	
	815.00	830.00		1	15.00	3.30	3.20	3.25	0.05	2.44	
	830.00	845.00		1	15.00	3.20	3.50	3.35	0.05	2.51	
	845.00	860.00		1	15.00	3.50	3.50	3.50	0.05	2.63	
	860.00	875.00		1	15.00	3.50	3.50	3.50	0.05	2.63	
	875.00	890.00		1	15.00	3.50	3.30	3.40	0.05	2.55	
	890.00	894.50		1	4.50	3.30	5.50	4.40	0.05	0.99	
	894.50	896.50		1	2.00	5.50	3.30	4.40	0.05	0.44	
	896.50	910.00		1	13.50	3.30	3.50	3.40	0.05	2.30	
	910.00	925.00		1	15.00	3.50	3.70	3.60	0.05	2.70	
	925.00	940.00		1	15.00	3.70	3.50	3.60	0.05	2.70	
	940.00	955.00		1	15.00	3.50	3.70	3.60	0.05	2.70	
	955.00	970.00		1	15.00	3.70	3.75	3.73	0.05	2.79	
	970.00	985.00		1	15.00	3.75	3.80	3.78	0.05	2.83	
	985.00	1000.00		1	15.00	3.80	3.40	3.60	0.05	2.70	
	1000.00	1015.00		1	15.00	3.40	3.50	3.45	0.05	2.59	
	1015.00	1030.00		1	15.00	3.50	3.60	3.55	0.05	2.66	
	1030.00	1044.00		1	14.00	3.60	4.20	3.90	0.05	2.73	
	1044.00	1060.00		1	16.00	4.20	4.10	4.15	0.05	3.32	
	1060.00	1075.00		1	15.00	4.10	4.30	4.20	0.05	3.15	
	1075.00	1085.00		1	10.00	4.30	6.20	5.25	0.05	2.63	
	1085.00	1087.00		1	2.00	6.20	3.90	5.05	0.05	0.51	
	1087.00	1092.00		1	5.00	3.90	5.00	4.45	0.05	1.11	
	1092.00	1096.00		1	4.00	5.00	3.90	4.45	0.05	0.89	
	1096.00	1110.00		1	14.00	3.90	4.00	3.95	0.05	2.77	
	1110.00	1120.00		1	10.00	4.00	4.20	4.10	0.05	2.05	
	1120.00	1127.00		1	7.00	4.20	4.60	4.40	0.05	1.54	
											108.42

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks
	Approach work(at Agrahara Mn rd)										
	0.00	9.00		1	9.00	3.30	2.20	2.75	0.05	1.24	
	9.00	20.00		1	11.00	2.20	2.10	2.15	0.05	1.18	
	20.00	30.00		1	10.00	2.10	2.30	2.20	0.05	1.10	
	For Profile										
				1	2.40			2.10	0.05	0.25	
				1	2.60			1.80	0.05	0.23	
				1	4.80			1.80	0.05	0.43	
				1	4.70			1.80	0.05	0.42	
				1	8.00			1.60	0.05	0.64	
				1	3.30			1.70	0.05	0.28	
				1	2.50			1.60	0.05	0.20	5.98
								Total Quantity		221.64	Cum

CAFC 28/11/2022

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work: Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

2.Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division.

DETAILED-MEASUREMENT

THIRD & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Sub Division

No :Third and Part Bill

me of Agency :- Benaka Developers & Project Pvt.Ltd.

ame of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub ision

BOQ m No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
12	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301with 4km lead= (I No-19.14,P No-143)											
easurements recorded on												
				Page	01		Total Quantity		33.09	Cum	60.00	1,985.00
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)											
easurements recorded on												
				Page	01		Total Quantity		27.57	Cum	1,729.00	47,672.00
14	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglSqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.158, I.No.21.6 of PW,P&IWTD SR 2018-19)											
asurements recorded on												
	Qty vide Pre measurement sheet page no .											
				Page	01 to	8	Total Quantity		11972.22	Sqm	29.00	3,47,194.00
15	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.158, I.No.21.2 of PW,P&IWTD SR 2018-19)											
asurements recorded on												
	Qty vide Pre measurement sheet page no .											
				page	8 to	10	Total Quantity		3942.50	Sqm	6.00	23,655.00
16	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.158 I.No.21.7 of PW,P&IWTD SR of 2018-19)											
easurements recorded on												
	Qty vide Pre measurement sheet page no .											
				Page	10 to	19	Total Quantity		20603.28	Sqm	12.00	2,47,239.00

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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me of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward [redacted] anapura sub ivision

BOQ m No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Re		Amount
17	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6)											
asurements recorded on												
	Qty vide Pre measurement sheet page no .											
				Page 19 to 22			Total Quantity		221.64	Cum	7,284.00	16,14,412.00
18	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (P.No.171, I.No.21.78.12 of PW,P&IWTD SR 2018-19) As per Issue rate dated: 03/01/2020											
	6th c/s Rd MS nagara											
	0.00	1.20	0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.20	5.00	1	3.80	5.80	5.60	5.70	0.04	0.87			
	5.00	15.00	1	10.00	5.60	5.10	5.35	0.04	2.14			
	15.00	30.00	1	15.00	5.10	5.00	5.05	0.04	3.03			
	30.00	45.00	1	15.00	5.00	5.30	5.15	0.04	3.09			
	45.00	60.00	1	15.00	5.30	5.20	5.25	0.04	3.15			
	60.00	75.00	1	15.00	5.20	5.10	5.15	0.04	3.09			
	75.00	90.00	1	15.00	5.10	5.30	5.20	0.04	3.12			
	90.00	105.00	1	15.00	5.30	5.50	5.40	0.04	3.24			
	105.00	120.00	1	15.00	5.50	5.50	5.50	0.04	3.30			
	120.00	125.00	1	5.00	5.50	5.80	5.65	0.04	1.13			
	125.00	140.00	1	15.00	5.80	5.55	5.68	0.04	3.41			
	140.00	146.00	1	6.00	5.55	5.50	5.53	0.04	1.33			
	146.00	148.00	1	2.00	5.50	5.80	5.65	0.04	0.45			
	Manhole Deductions											
	MH-1 @Ch:39		-1				2.01	0.04	-0.08			
	MH-2 '@Ch:92		-1				2.01	0.04	-0.08			
	MH-3 @Ch:118		-1				2.01	0.04	-0.08			
	7th c/s Rd MS nagara											
	0.00	2.00	1	2.00	5.70	5.60	5.65	0.04	0.45			
	2.00	15.00	1	13.00	5.60	5.20	5.40	0.04	2.81			
	15.00	30.00	1	15.00	5.20	5.10	5.15	0.04	3.09			
	30.00	45.00	1	15.00	5.10	5.40	5.25	0.04	3.15			
	45.00	60.00	1	15.00	5.40	5.20	5.30	0.04	3.18			
	60.00	75.00	1	15.00	5.20	5.50	5.35	0.04	3.21			
	75.00	90.00	1	15.00	5.50	5.70	5.60	0.04	3.36			
	90.00	105.00	1	15.00	5.70	5.70	5.70	0.04	3.42			
	105.00	120.00	1	15.00	5.70	5.30	5.50	0.04	3.30			

57.07

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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e of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub sion

DQ n No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	120.00	135.00		1	15.00	5.30	5.60	5.45	0.04	3.27			
	135.00	144.00		1	9.00	5.60	5.60	5.60	0.04	2.02			
	144.00	146.30		1	2.30	5.60	6.90	6.25	0.04	0.58			
	146.30	151.00		0	0.00	0.00	0.00	0.00	0.04	0.00			
	151.00	153.00		1	2.00	7.00	5.30	6.15	0.04	0.49			
	153.00	165.00		1	12.00	5.30	5.50	5.40	0.04	2.59			
	165.00	190.00		1	25.00	5.50	5.50	5.50	0.04	5.50			
	190.00	192.00		1	2.00	5.50	5.20	5.35	0.04	0.43			
	192.00	195.00		1	3.00	5.20	5.10	5.15	0.04	0.62			
	195.00	202.00		1	7.00	5.10	5.50	5.30	0.04	1.48			
	202.00	210.00		1	8.00	5.50	5.60	5.55	0.04	1.78			
	210.00	225.00		1	15.00	5.60	5.60	5.60	0.04	3.36			
	225.00	240.00		1	15.00	5.60	5.80	5.70	0.04	3.42			
	240.00	249.00		1	9.00	5.80	5.60	5.70	0.04	2.05			
	Manhole Deductions												
	MH-1 @Ch:9.4			-1				0.64	0.04	-0.03			
	MH-2 '@Ch:36.4			-1				0.64	0.04	-0.03			
	MH-3 @Ch:64.5			-1				0.64	0.04	-0.03			
	MH-4 @Ch:95.2			-1				0.64	0.04	-0.03			
	MH-5 @Ch:180			-1				2.01	0.04	-0.08			
	MH-6 '@Ch:207			-1				2.01	0.04	-0.08			
	MH-7 @Ch:240			-1				2.01	0.04	-0.08			
	8th c/s Rd MS nagara												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	6.00	5.80	5.90	0.04	3.19			
	15.00	30.00		1	15.00	5.80	5.80	5.80	0.04	3.48			
	30.00	45.00		1	15.00	5.80	5.45	5.63	0.04	3.38			
	45.00	60.00		1	15.00	5.45	5.40	5.43	0.04	3.26			
	60.00	75.00		1	15.00	5.40	5.15	5.28	0.04	3.17			
	75.00	90.00		1	15.00	5.15	5.30	5.23	0.04	3.14			
	90.00	105.00		1	15.00	5.30	5.20	5.25	0.04	3.15			
	105.00	120.00		1	15.00	5.20	5.30	5.25	0.04	3.15			
	120.00	135.00		1	15.00	5.30	5.15	5.23	0.04	3.14			
	135.00	140.00		1	5.00	5.15	5.60	5.38	0.04	1.08			
	140.00	145.00		1	5.00	5.60	6.80	6.20	0.04	1.24			
	145.00	150.80		0	0.00	0.00	0.00	0.00	0.04	0.00	1st Mn MS nagar		
	150.80	153.00		1	2.20	6.25	5.15	5.70	0.04	0.50			
	153.00	165.00		1	12.00	5.15	5.20	5.18	0.04	2.48			
	165.00	180.00		1	15.00	5.20	5.10	5.15	0.04	3.09			
	180.00	195.00		1	15.00	5.10	5.10	5.10	0.04	3.06			
	195.00	210.00		1	15.00	5.10	5.10	5.10	0.04	3.06			
	210.00	215.00		1	5.00	5.10	5.40	5.25	0.04	1.05			
	215.00	230.00		1	15.00	5.40	5.40	5.40	0.04	3.24			
	230.00	245.00		1	15.00	5.40	5.50	5.45	0.04	3.27			
	245.00	260.00		1	15.00	5.50	5.40	5.45	0.04	3.27			
	260.00	275.00		1	15.00	5.40	5.40	5.40	0.04	3.24			
	275.00	280.00		1	5.00	5.40	5.45	5.43	0.04	1.09			
	280.00	281.00		1	1.00	5.45	5.70	5.58	0.04	0.22			
	Manhole Deductions												
	MH-1 @Ch:181.5							2.01	0.04	-0.08			

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

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Detailed- Measurements

e of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub ion

Q No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	MH-2 @Ch:210			-1				2.01	0.04	-0.08			
	MH-3 @Ch:239.7			-1				2.01	0.04	-0.08			
	MH-4 @Ch:270.5			-1				2.01	0.04	-0.08			
	9th c/s Rd MS nagara												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	5.20	4.90	5.05	0.04	2.73			
	15.00	30.00		1	15.00	4.90	5.30	5.10	0.04	3.06			
	30.00	45.00		1	15.00	5.30	5.30	5.30	0.04	3.18			
	45.00	60.00		1	15.00	5.30	5.40	5.35	0.04	3.21			
	60.00	75.00		1	15.00	5.40	4.90	5.15	0.04	3.09			
	75.00	90.00		1	15.00	4.90	4.80	4.85	0.04	2.91			
	90.00	105.00		1	15.00	4.80	4.90	4.85	0.04	2.91			
	105.00	120.00		1	15.00	4.90	4.80	4.85	0.04	2.91			
	120.00	135.00		1	15.00	4.80	4.45	4.63	0.04	2.78			
	135.00	143.00		1	8.00	4.45	4.60	4.53	0.04	1.45			
	143.00	145.00		1	2.00	4.60	5.80	5.20	0.04	0.42			
	1st Main Rd MS nagara												
	0.00	5.00		1	5.00	5.00	5.00	5.00	0.04	1.00			
	5.00	6.00		1	1.00	5.00	3.85	4.43	0.04	0.18			
	6.00	15.00		1	9.00	3.85	4.90	4.38	0.04	1.58			
	15.00	25.00		1	10.00	4.90	4.50	4.70	0.04	1.88			
	25.00	38.00		1	13.00	4.50	4.85	4.68	0.04	2.43			
	38.00	43.00		1	5.00	4.85	5.60	5.23	0.04	1.05			
	43.00	47.00		1	4.00	5.60	4.65	5.13	0.04	0.82			
	47.00	56.00		1	9.00	4.65	4.80	4.73	0.04	1.70			
	56.00	70.00		1	14.00	4.80	4.60	4.70	0.04	2.63			
	70.00	75.00		1	5.00	4.60	5.60	5.10	0.04	1.02			
	75.00	85.00		1	10.00	5.60	5.20	5.40	0.04	2.16			
	85.00	100.00		1	15.00	5.20	5.30	5.25	0.04	3.15			
	100.00	108.00		1	8.00	5.30	5.70	5.50	0.04	1.76			
	108.00	115.00		1	7.00	5.70	5.10	5.40	0.04	1.51			
	115.00	130.00		1	15.00	5.10	6.45	5.78	0.04	3.47			
	130.00	149.70		1	19.70	6.45	4.40	5.43	0.04	4.27			
	Manhole Deductions												
	MH-1 @Ch:77.2			-1				0.64	0.04	-0.03			
	MH-2 @Ch:133.2			-1				0.64	0.04	-0.03			
	Connecting Rd to 9th c/s Rd MS nagara												
	0.00	2.00		1	2.00	5.50	4.50	5.00	0.04	0.40			
	2.00	15.00		1	13.00	4.50	4.40	4.45	0.04	2.31			
	15.00	33.20		1	18.20	4.40	5.10	4.75	0.04	3.46			
	Manhole Deductions												
	MH-1 @Ch:2.3			-1				2.01	0.04	-0.08			
	Connecting Rd to 1st Main Rd MS nagara												
	0.00	2.00		1	2.00	4.40	4.00	4.20	0.04	0.34			
	2.00	15.00		1	13.00	4.00	3.95	3.98	0.04	2.07			
	15.00	30.00		1	15.00	3.95	4.10	4.03	0.04	2.42			
	30.00	39.50		1	9.50	4.10	4.20	4.15	0.04	1.58			
	Manhole Deductions												
	MH-2 @Ch:37			-1				2.01	0.04	-0.08			

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

me of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub ision

BOQ m No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	2nd Main Rd MS nagara												
	0.00	2.00		1	2.00	7.10	8.40	7.75	0.04	0.62			
	2.00	6.00		1	4.00	8.40	8.20	8.30	0.04	1.33			
	6.00	8.00		1	2.00	8.20	7.80	8.00	0.04	0.64			
	8.00	15.00		1	7.00	7.80	7.60	7.70	0.04	2.16			
	15.00	30.00		1	15.00	7.60	6.70	7.15	0.04	4.29			
	30.00	45.00		1	15.00	6.70	7.40	7.05	0.04	4.23			
	45.00	49.00		1	4.00	7.40	6.90	7.15	0.04	1.14			
	49.00	60.00		1	11.00	6.90	7.15	7.03	0.04	3.09			
	60.00	75.00		1	15.00	7.15	7.40	7.28	0.04	4.37			
	75.00	79.50		1	4.50	7.40	7.30	7.35	0.04	1.32			
	Manhole Deductions												
	MH-1 @Ch:14			-1			0.64		0.04	-0.03			
	Connecting Rd to 2nd Mn MS nagara												
	0.00	2.00		1	2.00	6.00	5.70	5.85	0.04	0.47			
	2.00	15.00		1	13.00	5.70	5.50	5.60	0.04	2.91			
	15.00	30.00		1	15.00	5.50	5.55	5.53	0.04	3.32			
	30.00	45.00		1	15.00	5.55	5.40	5.48	0.04	3.29			
	45.00	60.00		1	15.00	5.40	5.15	5.28	0.04	3.17			
	60.00	75.00		1	15.00	5.15	5.40	5.28	0.04	3.17			
	75.00	90.00		1	15.00	5.40	5.50	5.45	0.04	3.27			
	90.00	105.00		1	15.00	5.50	5.50	5.50	0.04	3.30			
	105.00	120.00		1	15.00	5.50	5.20	5.35	0.04	3.21			
	120.00	135.00		1	15.00	5.20	5.10	5.15	0.04	3.09			
	135.00	150.00		1	15.00	5.10	5.50	5.30	0.04	3.18			
	150.00	165.00		1	15.00	5.50	5.70	5.60	0.04	3.36			
	165.00	178.00		1	13.00	5.70	6.00	5.85	0.04	3.04			
	178.00	186.00		1	8.00	6.00	5.80	5.90	0.04	1.89			
	186.00	200.00		1	14.00	5.80	6.20	6.00	0.04	3.36			
	200.00	215.00		1	15.00	6.20	5.70	5.95	0.04	3.57			
	215.00	227.00		1	12.00	5.70	5.75	5.73	0.04	2.75			
	227.00	229.50		1	2.50	5.75	7.10	6.43	0.04	0.64			
	Manhole Deductions												
	MH-1			-1			0.64		0.04	-0.03			
	MH-2			-1			0.64		0.04	-0.03			
	Connecting Rd-1 to MS Nagara 2nd Main End Road												
	0.00	2.00		1	2.00	5.50	5.10	5.30	0.04	0.42			
	2.00	15.00		1	13.00	5.10	4.70	4.90	0.04	2.55			
	15.00	30.00		1	15.00	4.70	4.60	4.65	0.04	2.79			
	30.00	45.00		1	15.00	4.60	4.80	4.70	0.04	2.82			
	45.00	60.00		1	15.00	4.80	4.90	4.85	0.04	2.91			
	60.00	75.00		1	15.00	4.90	5.10	5.00	0.04	3.00			
	75.00	90.00		1	15.00	5.10	5.00	5.05	0.04	3.03			
	90.00	110.00		1	20.00	5.00	4.90	4.95	0.04	3.96			
	110.00	125.00		1	15.00	4.90	4.80	4.85	0.04	2.91			
	125.00	140.00		1	15.00	4.80	4.80	4.80	0.04	2.88			
	140.00	155.00		1	15.00	4.80	4.60	4.70	0.04	2.82			
	155.00	170.00		1	15.00	4.60	4.90	4.75	0.04	2.85			
	170.00	185.00		1	15.00	4.90	5.15	5.03	0.04	3.02			
	185.00	200.00		1	15.00	5.15	5.10	5.13	0.04	3.08			
	200.00	202.00		1	2.00	5.10	5.10	5.10	0.04	0.41			

113.52

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	202.00	225.00		1	23.00	5.10	5.90	5.50	0.04	5.06			
	225.00	228.00		1	3.00	5.90	6.60	6.25	0.04	0.75			
	228.00	235.50		1	7.50	6.60	8.75	7.68	0.04	2.30			
	Manhole Deductions												
	MH-1			-1				0.64	0.04	-0.03			
	MH-2			-1				0.64	0.04	-0.03			
	MH-3			-1				0.64	0.04	-0.03			
	MH-4			-1				0.64	0.04	-0.03			
	MH-4			-1				0.64	0.04	-0.03			
	Approach Road			1	3.50			2.00	0.04	0.28			
	~~Pack Carriage~~												
	Agrahara Layout Main Road												
	GK Road to Agrahara Main Rd												
	0.00	1.50		0	0.00	0.00	0.00	0.00	0.04	0.00			
	1.50	15.00		1	13.50	8.20	7.60	7.90	0.04	4.27			
	15.00	30.00		1	15.00	7.60	7.70	7.65	0.04	4.59			
	30.00	45.00		1	15.00	7.70	8.20	7.95	0.04	4.77			
	45.00	60.00		1	15.00	8.20	8.00	8.10	0.04	4.86			
	60.00	75.00		1	15.00	8.00	8.00	8.00	0.04	4.80			
	75.00	90.00		1	15.00	8.00	6.90	7.45	0.04	4.47			
	90.00	105.00		1	15.00	6.90	5.90	6.40	0.04	3.84			
	105.00	120.00		1	15.00	5.90	6.50	6.20	0.04	3.72			
	120.00	133.00		1	13.00	6.50	7.70	7.10	0.04	3.69			
	133.00	141.00		1	8.00	7.70	7.00	7.35	0.04	2.35			
	141.00	165.00		1	24.00	7.00	6.00	6.50	0.04	6.24			
	165.00	180.00		1	15.00	6.00	7.30	6.65	0.04	3.99			
	180.00	186.00		1	6.00	7.30	6.45	6.88	0.04	1.65			
	186.00	200.00		1	14.00	6.45	6.40	6.43	0.04	3.60			
	200.00	215.00		1	15.00	6.40	6.80	6.60	0.04	3.96			
	215.00	230.00		1	15.00	6.80	6.55	6.68	0.04	4.01			
	230.00	245.00		1	15.00	6.55	6.60	6.58	0.04	3.95			
	245.00	260.00		1	15.00	6.60	6.60	6.60	0.04	3.96			
	260.00	275.00		1	15.00	6.60	7.20	6.90	0.04	4.14			
	275.00	290.00		1	15.00	7.20	6.70	6.95	0.04	4.17			
	290.00	305.00		1	15.00	6.70	7.45	7.08	0.04	4.25			
	305.00	320.00		1	15.00	7.45	7.40	7.43	0.04	4.46			
	320.00	335.00		1	15.00	7.40	6.60	7.00	0.04	4.20			
	335.00	350.00		1	15.00	6.60	5.60	6.10	0.04	3.66			
	350.00	365.00		1	15.00	5.60	6.70	6.15	0.04	3.69			
	365.00	380.00		1	15.00	6.70	6.40	6.55	0.04	3.93			
	380.00	395.00		1	15.00	6.40	6.20	6.30	0.04	3.78			
	395.00	410.00		1	15.00	6.20	6.15	6.18	0.04	3.71			
	410.00	425.00		1	15.00	6.15	6.90	6.53	0.04	3.92			
	425.00	440.00		1	15.00	6.90	7.00	6.95	0.04	4.17			
	440.00	455.00		1	15.00	7.00	6.70	6.85	0.04	4.11			
	455.00	470.00		1	15.00	6.70	6.90	6.80	0.04	4.08			
	470.00	485.00		1	15.00	6.90	6.20	6.55	0.04	3.93			
	485.00	500.00		1	15.00	6.20	6.80	6.50	0.04	3.90			
	500.00	515.00		1	15.00	6.80	6.80	6.80	0.04	4.08			
	515.00	530.00		1	15.00	6.80	7.00	6.90	0.04	4.14			
	530.00	545.00		1	15.00	7.00	6.60	6.80	0.04	4.08			
	545.00	560.00		1	15.00	6.60	6.95	6.78	0.04	4.07			

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Detailed- Measurements

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
	560.00	575.00		1	15.00	6.95	6.40	6.68	0.04	4.01			
	575.00	589.00		1	14.00	6.40	7.00	6.70	0.04	3.75			
	589.00	597.00		1	8.00	7.00	7.30	7.15	0.04	2.29			
	597.00	610.00		1	13.00	7.30	6.20	6.75	0.04	3.51			
	610.00	625.00		1	15.00	6.20	6.40	6.30	0.04	3.78			
	625.00	640.00		1	15.00	6.40	6.20	6.30	0.04	3.78			
	640.00	655.00		1	15.00	6.20	6.00	6.10	0.04	3.66			
	655.00	670.00		1	15.00	6.00	6.20	6.10	0.04	3.66			
	670.00	685.00		1	15.00	6.20	6.50	6.35	0.04	3.81			
	685.00	700.00		1	15.00	6.50	6.40	6.45	0.04	3.87			
	700.00	715.00		1	15.00	6.40	6.00	6.20	0.04	3.72			
	715.00	730.00		1	15.00	6.00	6.00	6.00	0.04	3.60			
	730.00	745.00		1	15.00	6.00	6.00	6.00	0.04	3.60			
	745.00	760.00		1	15.00	6.00	5.80	5.90	0.04	3.54			
	760.00	775.00		1	15.00	5.80	6.20	6.00	0.04	3.60			
	775.00	790.00		1	15.00	6.20	6.10	6.15	0.04	3.69			
	790.00	805.00		1	15.00	6.10	6.20	6.15	0.04	3.69			
	805.00	820.00		1	15.00	6.20	5.60	5.90	0.04	3.54			
	820.00	835.00		1	15.00	5.60	5.90	5.75	0.04	3.45			
	835.00	850.00		1	15.00	5.90	6.20	6.05	0.04	3.63			
	850.00	865.00		1	15.00	6.20	6.10	6.15	0.04	3.69			
	865.00	880.00		1	15.00	6.10	5.90	6.00	0.04	3.60			
	880.00	895.00		1	15.00	5.90	5.70	5.80	0.04	3.48			
	895.00	910.00		1	15.00	5.70	6.10	5.90	0.04	3.54			
	910.00	925.00		1	15.00	6.10	5.90	6.00	0.04	3.60			
	925.00	940.00		1	15.00	5.90	6.10	6.00	0.04	3.60			
	940.00	955.00		1	15.00	6.10	6.30	6.20	0.04	3.72			
	955.00	970.00		1	15.00	6.30	6.30	6.30	0.04	3.78			
	970.00	985.00		1	15.00	6.30	6.30	6.30	0.04	3.78			
	985.00	1000.00		1	15.00	6.30	6.30	6.30	0.04	3.78			
	1000.00	1015.00		1	15.00	6.30	6.40	6.35	0.04	3.81			
	1015.00	1030.00		1	15.00	6.40	6.30	6.35	0.04	3.81			
	1030.00	1045.00		1	15.00	6.30	6.50	6.40	0.04	3.84			
	1045.00	1060.00		1	15.00	6.50	6.80	6.65	0.04	3.99			
	1060.00	1070.00		1	10.00	6.80	6.50	6.65	0.04	2.66			
	1070.00	1085.00		1	15.00	6.50	6.80	6.65	0.04	3.99			
	1085.00	1100.00		1	15.00	6.80	7.00	6.90	0.04	4.14			
	1100.00	1107.00		1	7.00	7.00	7.60	7.30	0.04	2.04			
	1107.00	1115.00		1	8.00	7.60	7.30	7.45	0.04	2.38			
	1115.00	1123.00		1	8.00	7.30	7.20	7.25	0.04	2.32			
	1123.00	1127.00		1	4.00	7.20	8.85	8.03	0.04	1.28			
	Approach work(at Agrahara Mn rd)												
	0.00	15.00		1	15.00	4.30	6.20	5.25	0.04	3.15			
	15.00	18.00		1	3.00	6.20	11.30	8.75	0.04	1.05			
	18.00	25.00		1	7.00	11.30	8.10	9.70	0.04	2.72			
	25.00	36.00		1	11.00	8.10	5.70	6.90	0.04	3.04			
	Agrahara Babadavane												
	5th Mn Road connected to Agrahara Mn rd												
	0.00	3.00		1	3.00	7.20	4.80	6.00	0.04	0.72			
	3.00	15.00		1	12.00	4.80	4.80	4.80	0.04	2.30			
	15.00	22.50		1	7.50	4.80	4.45	4.63	0.04	1.39	157.38		
										157.38			
								Total Quantity		646.82	Cum	8,613.76	55,71,558.00

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner

Name of Work : - Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit/ Remarks	Rate	Amount
19	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)											
	6th c/s Rd MS nagara											
	Edge Line		2	146.80			0.10		29.36			
	Centre Line		0.50	146.80			0.10		7.34			
	7th c/s Rd MS nagara											
	Edge Line		2	244.30			0.10		48.86			
	Centre Line		0.50	244.30			0.10		12.22			
	8th c/s Rd MS nagara											
	Edge Line		2	273.70			0.10		54.74			
	Centre Line		0.50	273.70			0.10		13.69			
	9th c/s Rd MS nagara											
	Edge Line		2	143.50			0.10		28.70			
	Centre Line		0.50	143.50			0.10		7.18			
	1st Main Rd MS nagara											
	Edge Line		2	149.70			0.10		29.94			
	Centre Line		0.50	149.70			0.10		7.49			
	Connecting Rd to 9th c/s Rd MS nagara											
	Edge Line		2	33.20			0.10		6.64			
	Centre Line		0.50	33.20			0.10		1.66			
	Connecting Rd to 1st Main Rd MS nagara											
	Edge Line		2	39.50			0.10		7.90			
	Centre Line		0.50	39.50			0.10		1.98			
	2nd Main Rd MS nagara											
	Edge Line		2	79.50			0.10		15.90			
	Centre Line		0.50	79.50			0.10		3.98			
	Connecting Rd to 2nd Mn MS nagara											
	Edge Line		2	229.50			0.10		45.90			
	Centre Line		0.50	229.50			0.10		11.48			
	Connecting Rd-1 to MS Nagara 2nd Main End Road											
	Edge Line		2	235.50			0.10		47.10			
	Centre Line		0.50	235.50			0.10		11.78			
	Agrahara Layout Main Road											
	GK Road to Agrahara Main Rd											
	Edge Line		2	1125.50			0.10		225.10			
	Centre Line		0.50	1125.50			0.10		56.28			
	5th Mn Road connected to Agrahara Mn rd											
	Edge Line		2	22.50			0.10		4.50			
	Centre Line		0.50	22.50			0.10		1.13			
							Total Quantity		**680.80**	**Sqm**	**458.00**	**3,11,806.00**
											Total Amount	**81,65,521.00**
											Add 12% GST	**979862.52**
											Grand Total Amount	**9145383.52**

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Scanned with CamScanner